

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031078.D
 Acq On : 02 Sep 2022 19:32
 Operator : JC/MD
 Sample : N4297-18MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D2-20220821MSD

Quant Time: Sep 03 00:51:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/03/2022
 Supervised By : Mahesh Dadoda 09/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	174156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	278172	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109772	48.987	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.980%		
35) Dibromofluoromethane	5.391	113	105310	51.877	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.760%		
50) Toluene-d8	8.653	98	372675	49.882	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.760%		
62) 4-Bromofluorobenzene	11.085	95	138646	52.542	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75602	42.189	ug/l	99
3) Chloromethane	1.288	50	59142	39.204	ug/l	100
4) Vinyl Chloride	1.374	62	78343	41.852	ug/l	99
5) Bromomethane	1.611	94	44954	53.717	ug/l	95
6) Chloroethane	1.684	64	31966	28.307	ug/l	99
7) Trichlorofluoromethane	1.886	101	153695	48.590	ug/l	98
8) Diethyl Ether	2.136	74	49778	45.123	ug/l	70
9) 1,1,2-Trichlorotrifluo...	2.331	101	93384	44.572	ug/l	93
10) Methyl Iodide	2.453	142	111172	54.546	ug/l	95
11) Tert butyl alcohol	3.007	59	123684	275.346	ug/l	99
12) 1,1-Dichloroethene	2.319	96	96057	47.477	ug/l	92
13) Acrolein	2.239	56	100715	245.611	ug/l	99
14) Allyl chloride	2.666	41	113901	42.390	ug/l #	88
15) Acrylonitrile	3.068	53	251176	239.076	ug/l	99
16) Acetone	2.392	43	207742	240.142	ug/l	99
17) Carbon Disulfide	2.514	76	232591	44.267	ug/l	99
18) Methyl Acetate	2.709	43	104004	41.838	ug/l #	84
19) Methyl tert-butyl Ether	3.123	73	300104	48.165	ug/l #	89
20) Methylene Chloride	2.788	84	104656	49.706	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	102795	45.660	ug/l	92
22) Diisopropyl ether	3.769	45	237088	43.791	ug/l #	79
23) Vinyl Acetate	3.727	43	925557	211.648	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	164797	45.173	ug/l	98
25) 2-Butanone	4.568	43	317869	238.010	ug/l #	86
26) 2,2-Dichloropropane	4.477	77	107574	36.952	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	119582	47.392	ug/l	91
28) Bromochloromethane	4.910	49	45637	42.223	ug/l #	54
29) Tetrahydrofuran	5.013	42	192325	223.373	ug/l #	76
30) Chloroform	5.098	83	187845	46.954	ug/l	97
31) Cyclohexane	5.476	56	132083	43.149	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	168314	49.079	ug/l	95
36) 1,1-Dichloropropene	5.696	75	131998	46.422	ug/l	97
37) Ethyl Acetate	4.721	43	109116	44.167	ug/l #	93
38) Carbon Tetrachloride	5.684	117	150369	50.946	ug/l	97
39) Methylcyclohexane	7.385	83	160550	45.559	ug/l	91
40) Benzene	6.043	78	400762	49.091	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031078.D
 Acq On : 02 Sep 2022 19:32
 Operator : JC/MD
 Sample : N4297-18MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D2-20220821MSD

Quant Time: Sep 03 00:51:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2022
 Supervised By : Mahesh Dadoda 09/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	62341	47.330	ug/l #	86
42) 1,2-Dichloroethane	6.092	62	136971	50.863	ug/l	98
43) Isopropyl Acetate	6.348	43	175455	45.441	ug/l #	89
44) Trichloroethene	7.129	130	136474	52.816	ug/l	99
45) 1,2-Dichloropropane	7.433	63	93801	44.827	ug/l	98
46) Dibromomethane	7.586	93	77028	49.183	ug/l #	87
47) Bromodichloromethane	7.824	83	146743	50.152	ug/l	99
48) Methyl methacrylate	7.696	41	91343	46.859	ug/l #	84
49) 1,4-Dioxane	7.689	88	64383	1085.890	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	592376	238.652	ug/l	88
52) Toluene	8.720	92	262568	49.595	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	146539	50.580	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	160376	49.506	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	113638	50.489	ug/l	96
56) Ethyl methacrylate	9.122	69	156002	50.701	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	172477	48.466	ug/l	99
59) 2-Hexanone	9.433	43	465883	248.197	ug/l	87
60) Dibromochloromethane	9.525	129	125769	53.815	ug/l	98
61) 1,2-Dibromoethane	9.610	107	123961	52.169	ug/l	100
64) Tetrachloroethene	9.275	164	130215	50.850	ug/l	96
65) Chlorobenzene	10.079	112	295587	48.257	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	113829	50.328	ug/l	98
67) Ethyl Benzene	10.195	91	512189	48.809	ug/l	99
68) m/p-Xylenes	10.305	106	403109	97.944	ug/l	99
69) o-Xylene	10.646	106	197434	48.913	ug/l	98
70) Styrene	10.658	104	335345	51.337	ug/l	100
71) Bromoform	10.799	173	97153	55.242	ug/l	100
73) Isopropylbenzene	10.963	105	526546	49.568	ug/l	100
74) N-amyl acetate	10.841	43	136258	42.495	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	11.213	83	155768	45.855	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	145958m	46.855	ug/l	
77) Bromobenzene	11.201	156	135841	49.599	ug/l	87
78) n-propylbenzene	11.305	91	593949	49.092	ug/l	98
79) 2-Chlorotoluene	11.366	91	353597	47.463	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	444365	49.709	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	46811	47.227	ug/l	92
82) 4-Chlorotoluene	11.457	91	403188	48.368	ug/l	97
83) tert-Butylbenzene	11.719	119	429019	48.220	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	448247	50.450	ug/l	98
85) sec-Butylbenzene	11.890	105	545470	46.807	ug/l	98
86) p-Isopropyltoluene	12.012	119	459937	49.835	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	252000	48.035	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	252738	48.374	ug/l	98
89) n-Butylbenzene	12.335	91	382462	45.960	ug/l	97
90) Hexachloroethane	12.542	117	79719	47.663	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	250917	46.633	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39950	48.269	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	190719	56.006	ug/l	97
94) Hexachlorobutadiene	13.725	225	74772	50.150	ug/l	99
95) Naphthalene	13.780	128	662549	55.470	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	178447	49.956	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
Data File : VX031078.D
Acq On : 02 Sep 2022 19:32
Operator : JC/MD
Sample : N4297-18MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 03 00:51:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220821MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Manual Integrations

Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

Abundance

TIC: VX031078.D\data.ms

Time-->

Peak labels (from left to right):

- Dichlorodifluoromethane, T
- Chloroethane, T
- Bromochloromethane, T
- Trichlorofluoromethane, T
- Diethyl ether, T
- Acetone, T
- Methyl chlorosulfide, T
- Methyl acetate, T
- Methylene chloride, T
- Tert-butyl alcohol, T
- Methyl tert-butyl ether, T
- 1,1-Dichloroethane, P
- Disopropyl ether, T
- Vinyl acetate, T
- 2,2-Dimethylpropane, T
- Ethyl acetate, T
- Chlorobenzene, T
- Pentachlorobenzene, T
- Cyclohexane, T
- 1,2-Dichloroethane, S
- 1,2-Dichloroethane, TM
- Isopropyl acetate, T
- 1,4-Difluorobenzene, I
- Trichloroethene, TM
- 1,2-Dichlorobenzene, T
- Dibromodichloroethane, T
- 1,4-Dichlorobenzene, T
- Bromodichloromethane, T
- cis-1,3-Dichloropropene, T
- 4-Methyl-2-Pentanone, T
- Toluene, CM
- 1,2-Dichloropropane, T
- t-1,3-Dichloropropane, T
- 1,3-Dichloropropane, T
- Tetrachloroethene, T
- 2-Hexanone, T
- 1,2-Dichloroethane, T
- Chlorobenzene, PM
- Ethyl benzene, C
- m,p-Xylenes, T
- Bromoform, R
- n-Propyl acetate, T
- trans-1,4-Dichloro-2-butene, S
- 1,2,3-Trichlorobenzene, T
- 2-Chlorotoluene, T
- 1,2,4-Trichlorobenzene, T
- 1,2-Dichlorobenzene, T
- 1,3-Dichlorobenzene, T
- Hexachloroethane, T
- 1,2-Dibromo-3-Chloropropane, T
- Hexachlorocyclopentadiene, T
- 1,2,4-Trichlorobenzene, T
- Naphthalene, T
- 1,2,3-Trichlorobenzene, T