

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027950.D
 Acq On : 04 Apr 2022 11:35
 Operator : JC/MD
 Sample : VX0404WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Quant Time: Apr 05 05:46:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	54580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	94440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	87075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	39733	56.420	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.840%			
35) Dibromofluoromethane	5.385	113	32875	53.930	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.860%			
50) Toluene-d8	8.653	98	104944	48.929	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.860%			
62) 4-Bromofluorobenzene	11.079	95	43975	48.247	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	7462	15.088	ug/l	96
3) Chloromethane	1.294	50	7116	16.282	ug/l	98
4) Vinyl Chloride	1.374	62	7541	16.824	ug/l	100
5) Bromomethane	1.605	94	4317	21.360	ug/l	97
6) Chloroethane	1.685	64	5696	18.852	ug/l	98
7) Trichlorofluoromethane	1.892	101	13428	17.078	ug/l	97
8) Diethyl Ether	2.136	74	6236	22.095	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	8920	17.454	ug/l	96
10) Methyl Iodide	2.453	142	9109	15.348	ug/l	95
11) Tert butyl alcohol	2.959	59	13648	100.892	ug/l	98
12) 1,1-Dichloroethene	2.319	96	8213	17.515	ug/l	99
13) Acrolein	2.239	56	9829	97.014	ug/l	93
14) Allyl chloride	2.666	41	16473	19.134	ug/l	95
15) Acrylonitrile	3.062	53	35611	112.114	ug/l	100
16) Acetone	2.373	43	32595	104.582	ug/l	91
17) Carbon Disulfide	2.514	76	15219	15.866	ug/l #	95
18) Methyl Acetate	2.703	43	14925	19.426	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	39349	22.025	ug/l	97
20) Methylene Chloride	2.788	84	12029	21.457	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	9484	18.634	ug/l	96
22) Diisopropyl ether	3.757	45	36469	21.137	ug/l #	78
23) Vinyl Acetate	3.721	43	154133	103.401	ug/l	95
24) 1,1-Dichloroethane	3.611	63	19842	20.442	ug/l	98
25) 2-Butanone	4.556	43	50609	111.596	ug/l	94
26) 2,2-Dichloropropane	4.477	77	16268	20.984	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	13381	21.803	ug/l	100
28) Bromochloromethane	4.904	49	8742	20.939	ug/l	100
29) Tetrahydrofuran	5.001	42	31625	108.562	ug/l	90
30) Chloroform	5.099	83	24238	22.463	ug/l	94
31) Cyclohexane	5.477	56	12351	15.866	ug/l #	81
32) 1,1,1-Trichloroethane	5.385	97	18593	19.920	ug/l	97
36) 1,1-Dichloropropene	5.690	75	13220	17.219	ug/l	98
37) Ethyl Acetate	4.715	43	19510	20.498	ug/l	95
38) Carbon Tetrachloride	5.678	117	16469	19.415	ug/l	96
39) Methylcyclohexane	7.379	83	12927	14.308	ug/l	90
40) Benzene	6.044	78	44202	18.998	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027950.D
 Acq On : 04 Apr 2022 11:35
 Operator : JC/MD
 Sample : VX0404WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 05:46:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	10182	20.112	ug/l	91
42) 1,2-Dichloroethane	6.086	62	19427	20.896	ug/l	97
43) Isopropyl Acetate	6.342	43	29135	19.111	ug/l	94
44) Trichloroethene	7.123	130	12074	19.095	ug/l	96
45) 1,2-Dichloropropane	7.434	63	11863	18.979	ug/l	93
46) Dibromomethane	7.586	93	9447	20.082	ug/l	94
47) Bromodichloromethane	7.824	83	19189	20.481	ug/l	100
48) Methyl methacrylate	7.696	41	14096	17.631	ug/l	88
49) 1,4-Dioxane	7.665	88	6576	416.660	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	96723	91.458	ug/l	92
52) Toluene	8.720	92	28415	19.388	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	19012	20.247	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	20870	21.107	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	13676	21.039	ug/l	91
56) Ethyl methacrylate	9.116	69	19222	18.671	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	22864	20.901	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	53048	103.208	ug/l	98
59) 2-Hexanone	9.433	43	80332	98.650	ug/l	86
60) Dibromochloromethane	9.525	129	16061	23.829	ug/l	95
61) 1,2-Dibromoethane	9.610	107	14089	20.743	ug/l	98
64) Tetrachloroethene	9.275	164	10984	18.605	ug/l	91
65) Chlorobenzene	10.079	112	32647	19.039	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	13588	21.117	ug/l	99
67) Ethyl Benzene	10.195	91	55275	17.764	ug/l	96
68) m/p-Xylenes	10.305	106	42657	37.273	ug/l	94
69) o-Xylene	10.640	106	21946	19.633	ug/l	97
70) Styrene	10.659	104	37804	19.898	ug/l	98
71) Bromoform	10.799	173	12335	25.149	ug/l #	99
73) Isopropylbenzene	10.963	105	55230	17.832	ug/l	99
74) N-amyl acetate	10.842	43	21959	15.740	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	21987	20.906	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	19986m	20.481	ug/l	
77) Bromobenzene	11.201	156	14886	21.081	ug/l	97
78) n-propylbenzene	11.305	91	62113	16.786	ug/l	97
79) 2-Chlorotoluene	11.366	91	42403	18.235	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	48214	17.940	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	6440	21.950	ug/l	93
82) 4-Chlorotoluene	11.457	91	48344	18.117	ug/l	100
83) tert-Butylbenzene	11.719	119	47515	18.284	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	50459	18.830	ug/l	96
85) sec-Butylbenzene	11.890	105	54038	16.850	ug/l	98
86) p-Isopropyltoluene	12.012	119	45842	17.184	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	26273	18.902	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	26755	18.685	ug/l	96
89) n-Butylbenzene	12.335	91	39173	16.331	ug/l	96
90) Hexachloroethane	12.542	117	8497	19.834	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	26679	19.431	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5847	23.094	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	16150	19.234	ug/l	98
94) Hexachlorobutadiene	13.725	225	5903	16.465	ug/l	99
95) Naphthalene	13.780	128	59657	20.349	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	16173	19.662	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027950.D
 Acq On : 04 Apr 2022 11:35
 Operator : JC/MD
 Sample : VX0404WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
ClientSampleId :
 VX0404WBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 05:46:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

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

