

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022723\
 Data File : VX034275.D
 Acq On : 27 Feb 2023 12:50
 Operator : JC/MD
 Sample : VX0227WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 04:08:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	282284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	457633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	407951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164579	43.291	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.580%		
35) Dibromofluoromethane	5.385	113	140303	47.087	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.180%		
50) Toluene-d8	8.647	98	511325	47.797	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.600%		
62) 4-Bromofluorobenzene	11.079	95	192793	47.115	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45602	18.695	ug/l	100
3) Chloromethane	1.300	50	62376	17.770	ug/l	97
4) Vinyl Chloride	1.374	62	63385	19.828	ug/l	99
5) Bromomethane	1.605	94	39190	29.664	ug/l	98
6) Chloroethane	1.685	64	36916	22.970	ug/l	97
7) Trichlorofluoromethane	1.886	101	96934	22.413	ug/l	98
8) Diethyl Ether	2.136	74	37412	21.472	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	54109	17.765	ug/l	97
10) Methyl Iodide	2.453	142	59951	16.166	ug/l	95
11) Tert butyl alcohol	2.953	59	79771	93.815	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	51010	16.707	ug/l	98
13) Acrolein	2.233	56	39924	102.858	ug/l	99
14) Allyl chloride	2.660	41	104442	16.126	ug/l	91
15) Acrylonitrile	3.062	53	177711	95.804	ug/l	98
16) Acetone	2.380	43	159782	81.476	ug/l	92
17) Carbon Disulfide	2.508	76	133767	15.239	ug/l	98
18) Methyl Acetate	2.703	43	118023	19.450	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	202086	18.753	ug/l	98
20) Methylene Chloride	2.788	84	63268	17.905	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	57095	17.846	ug/l	99
22) Diisopropyl ether	3.757	45	216614	19.078	ug/l	98
23) Vinyl Acetate	3.721	43	850186	93.458	ug/l	99
24) 1,1-Dichloroethane	3.605	63	109491	17.565	ug/l	98
25) 2-Butanone	4.550	43	253864	89.466	ug/l	96
26) 2,2-Dichloropropane	4.471	77	93862	16.622	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	68889	18.183	ug/l	97
28) Bromochloromethane	4.891	49	45110	16.223	ug/l	89
29) Tetrahydrofuran	5.001	42	164647	95.115	ug/l	99
30) Chloroform	5.092	83	109596	18.310	ug/l	99
31) Cyclohexane	5.470	56	98666	17.383	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	93973	17.514	ug/l	99
36) 1,1-Dichloropropene	5.690	75	79018	17.932	ug/l	99
37) Ethyl Acetate	4.708	43	97216	19.740	ug/l	99
38) Carbon Tetrachloride	5.678	117	81914	18.065	ug/l	97
39) Methylcyclohexane	7.379	83	101563	17.910	ug/l	97
40) Benzene	6.037	78	242756	18.590	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022723\
 Data File : VX034275.D
 Acq On : 27 Feb 2023 12:50
 Operator : JC/MD
 Sample : VX0227WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 04:08:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	53393	19.459	ug/l	98
42) 1,2-Dichloroethane	6.086	62	86292	18.788	ug/l	98
43) Isopropyl Acetate	6.336	43	165086	18.996	ug/l	99
44) Trichloroethene	7.123	130	63166	18.849	ug/l	99
45) 1,2-Dichloropropane	7.427	63	65632	18.880	ug/l	98
46) Dibromomethane	7.580	93	43869	19.175	ug/l	90
47) Bromodichloromethane	7.818	83	87734	18.686	ug/l	97
48) Methyl methacrylate	7.690	41	76792	18.617	ug/l	98
49) 1,4-Dioxane	7.659	88	34794	422.901	ug/l #	99
51) 4-Methyl-2-Pentanone	8.567	43	503718	105.350	ug/l	98
52) Toluene	8.720	92	155280	19.624	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	100737	18.640	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	106834	18.465	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	63993	20.036	ug/l	95
56) Ethyl methacrylate	9.116	69	104520	19.345	ug/l	98
57) 1,3-Dichloropropane	9.305	76	110411	19.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	244984	104.670	ug/l	95
59) 2-Hexanone	9.427	43	375220	102.972	ug/l	99
60) Dibromochloromethane	9.518	129	69004	19.553	ug/l	98
61) 1,2-Dibromoethane	9.610	107	67570	20.004	ug/l	99
64) Tetrachloroethene	9.275	164	55631	19.322	ug/l	97
65) Chlorobenzene	10.079	112	167118	19.652	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	64436	19.573	ug/l	97
67) Ethyl Benzene	10.195	91	296854	19.431	ug/l	98
68) m/p-Xylenes	10.299	106	229851	39.315	ug/l	97
69) o-Xylene	10.640	106	114038	19.593	ug/l	97
70) Styrene	10.652	104	186618	19.714	ug/l	98
71) Bromoform	10.799	173	52068	19.377	ug/l #	100
73) Isopropylbenzene	10.963	105	293268	18.921	ug/l	100
74) N-amyl acetate	10.841	43	144336	18.536	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	101825	19.208	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81740m	15.973	ug/l	
77) Bromobenzene	11.195	156	73532	19.714	ug/l	90
78) n-propylbenzene	11.305	91	339544	18.836	ug/l	98
79) 2-Chlorotoluene	11.366	91	202609	18.331	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	247448	18.989	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	33862	16.999	ug/l	92
82) 4-Chlorotoluene	11.457	91	233096	18.516	ug/l	98
83) tert-Butylbenzene	11.713	119	257359	19.284	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	247935	18.818	ug/l	98
85) sec-Butylbenzene	11.890	105	314043	19.377	ug/l	98
86) p-Isopropyltoluene	12.012	119	260156	19.396	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	137065	19.594	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	136597	19.360	ug/l	96
89) n-Butylbenzene	12.335	91	223505	18.709	ug/l	98
90) Hexachloroethane	12.536	117	49734	17.734	ug/l	81
91) 1,2-Dichlorobenzene	12.335	146	135080	19.737	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20858	16.500	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	83501	19.003	ug/l	97
94) Hexachlorobutadiene	13.725	225	35154	19.299	ug/l	98
95) Naphthalene	13.774	128	280299	18.936	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	83663	19.179	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022723\
Data File : VX034275.D
Acq On : 27 Feb 2023 12:50
Operator : JC/MD
Sample : VX0227WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 04:08:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022723\
Data File : VX034275.D
Acq On : 27 Feb 2023 12:50
Operator : JC/MD
Sample : VX0227WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 02/28/2023
Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 04:08:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

