

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027521.D
 Acq On : 18 Mar 2022 12:34
 Operator : JC/MD
 Sample : VX0318WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 19 03:05:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	320046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	492354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	187914	47.662	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.320%		
35) Dibromofluoromethane	5.391	113	158037	49.890	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.780%		
50) Toluene-d8	8.653	98	579601	48.352	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.700%		
62) 4-Bromofluorobenzene	11.085	95	209599	47.573	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	59621	19.408	ug/l	99
3) Chloromethane	1.294	50	52579	19.281	ug/l	99
4) Vinyl Chloride	1.374	62	59077	18.749	ug/l	93
5) Bromomethane	1.605	94	36578	19.335	ug/l	99
6) Chloroethane	1.685	64	34984	18.093	ug/l	99
7) Trichlorofluoromethane	1.886	101	93938	18.060	ug/l	97
8) Diethyl Ether	2.136	74	33893	17.493	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	58913	19.020	ug/l	94
10) Methyl Iodide	2.453	142	58301	14.219	ug/l	99
11) Tert butyl alcohol	2.959	59	69502	92.498	ug/l	99
12) 1,1-Dichloroethene	2.319	96	54804	18.441	ug/l	96
13) Acrolein	2.239	56	43090	73.900	ug/l	95
14) Allyl chloride	2.666	41	86580	18.618	ug/l	96
15) Acrylonitrile	3.062	53	176765	103.477	ug/l	100
16) Acetone	2.380	43	152037	94.606	ug/l	96
17) Carbon Disulfide	2.514	76	141466	18.708	ug/l	100
18) Methyl Acetate	2.703	43	72856	18.916	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	193303	19.279	ug/l	98
20) Methylene Chloride	2.788	84	64160	18.569	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	63197	19.935	ug/l	98
22) Diisopropyl ether	3.763	45	176912	19.480	ug/l #	87
23) Vinyl Acetate	3.727	43	780931	98.878	ug/l	95
24) 1,1-Dichloroethane	3.611	63	106325	19.249	ug/l	98
25) 2-Butanone	4.562	43	236611	97.860	ug/l	97
26) 2,2-Dichloropropane	4.477	77	80990	17.956	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	69901	19.014	ug/l	98
28) Bromochloromethane	4.897	49	41381	18.572	ug/l	95
29) Tetrahydrofuran	5.007	42	155741	100.409	ug/l	93
30) Chloroform	5.099	83	115680	18.986	ug/l	99
31) Cyclohexane	5.470	56	92079	18.808	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	100935	18.195	ug/l	100
36) 1,1-Dichloropropene	5.696	75	83942	19.391	ug/l	98
37) Ethyl Acetate	4.721	43	87177	20.210	ug/l	99
38) Carbon Tetrachloride	5.678	117	92505	18.679	ug/l	98
39) Methylcyclohexane	7.385	83	104139	19.131	ug/l	97
40) Benzene	6.037	78	242843	19.554	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48249	20.510	ug/l	95
42) 1,2-Dichloroethane	6.092	62	92864	19.952	ug/l	98
43) Isopropyl Acetate	6.342	43	133852	19.281	ug/l	97
44) Trichloroethene	7.129	130	71202	18.886	ug/l	96
45) 1,2-Dichloropropane	7.434	63	61135	19.326	ug/l	99
46) Dibromomethane	7.586	93	47405	19.618	ug/l	99
47) Bromodichloromethane	7.824	83	88632	19.480	ug/l #	99
48) Methyl methacrylate	7.696	41	68897	20.054	ug/l	91
49) 1,4-Dioxane	7.659	88	33815	383.207	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	458664	103.500	ug/l	94
52) Toluene	8.720	92	159773	19.198	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	88260	18.900	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	99624	19.602	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	67955	20.054	ug/l	98
56) Ethyl methacrylate	9.116	69	98208	19.371	ug/l	90
57) 1,3-Dichloropropane	9.311	76	109232	19.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	250401	96.811	ug/l	100
59) 2-Hexanone	9.433	43	351334	102.936	ug/l	91
60) Dibromochloromethane	9.525	129	71770	19.240	ug/l	96
61) 1,2-Dibromoethane	9.610	107	72498	19.466	ug/l	100
64) Tetrachloroethene	9.275	164	69976	20.168	ug/l	96
65) Chlorobenzene	10.079	112	176169	19.191	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	65927	19.249	ug/l	98
67) Ethyl Benzene	10.195	91	303563	19.320	ug/l	98
68) m/p-Xylenes	10.305	106	236967	38.303	ug/l	99
69) o-Xylene	10.646	106	116502	19.395	ug/l	99
70) Styrene	10.659	104	191308	19.496	ug/l	98
71) Bromoform	10.799	173	51796	18.930	ug/l #	99
73) Isopropylbenzene	10.963	105	303598	18.723	ug/l	99
74) N-amyl acetate	10.841	43	106378	18.502	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	97319	18.947	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	90572m	19.451	ug/l	
77) Bromobenzene	11.201	156	76631	18.749	ug/l	96
78) n-propylbenzene	11.305	91	341264	19.172	ug/l	97
79) 2-Chlorotoluene	11.366	91	208334	18.658	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	263137	19.281	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26564	17.326	ug/l #	86
82) 4-Chlorotoluene	11.457	91	242446	19.070	ug/l	99
83) tert-Butylbenzene	11.719	119	252148	18.651	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	261303	19.199	ug/l	99
85) sec-Butylbenzene	11.890	105	314762	19.266	ug/l	100
86) p-Isopropyltoluene	12.012	119	271116	19.320	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	141965	18.747	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	142532	18.601	ug/l	97
89) n-Butylbenzene	12.335	91	224965	19.210	ug/l	97
90) Hexachloroethane	12.542	117	39533	17.665	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	138934	18.790	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22564	19.154	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	92413	19.499	ug/l	98
94) Hexachlorobutadiene	13.725	225	39170	18.710	ug/l	96
95) Naphthalene	13.780	128	305622	19.809	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	94851	19.785	ug/l	97

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

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