

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020605.D
 Acq On : 14 Jan 2021 12:22
 Operator : JC/MD
 Sample : VX0114WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

Manual Integrations
 APPROVED

SAM
 1/19/2021 3:40:36 PM

Quant Time: Jan 15 05:09:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	180236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	272632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	254005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	131663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	105771	48.86	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.72%		
35) Dibromofluoromethane	5.458	113	90387	47.85	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.70%		
50) Toluene-d8	8.695	98	323893	47.92	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.84%		
62) 4-Bromofluorobenzene	11.122	95	117614	49.27	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.54%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	31768	17.87	ug/l	100
3) Chloromethane	1.307	50	29544	17.96	ug/l	99
4) Vinyl Chloride	1.392	62	34900	18.50	ug/l	99
5) Bromomethane	1.630	94	20759	16.29	ug/l	99
6) Chloroethane	1.703	64	23524	18.58	ug/l	99
7) Trichlorofluoromethane	1.910	101	62148	19.89	ug/l	99
8) Diethyl Ether	2.166	74	22349	20.08	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	36947	21.08	ug/l	97
10) Methyl Iodide	2.489	142	44475	18.19	ug/l	96
11) Tert butyl alcohol	3.044	59	40466	100.40	ug/l	98
12) 1,1-Dichloroethene	2.355	96	33094	19.23	ug/l	94
13) Acrolein	2.270	56	24175	80.57	ug/l	100
14) Allyl chloride	2.703	41	45811	19.16	ug/l	97
15) Acrylonitrile	3.111	53	98183	106.81	ug/l	99
16) Acetone	2.416	43	79552	105.25	ug/l	100
17) Carbon Disulfide	2.550	76	77812	16.40	ug/l	99
18) Methyl Acetate	2.745	43	40095	20.91	ug/l	97
19) Methyl tert-butyl Ether	3.160	73	118656	21.26	ug/l	95
20) Methylene Chloride	2.831	84	40549	19.83	ug/l	96
21) trans-1,2-Dichloroethene	3.135	96	37069	19.18	ug/l	95
22) Diisopropyl ether	3.818	45	103597	21.46	ug/l	98
23) Vinyl Acetate	3.782	43	427483	103.75	ug/l	97
24) 1,1-Dichloroethane	3.666	63	64558	20.14	ug/l	98
25) 2-Butanone	4.629	43	122192	104.44	ug/l	96
26) 2,2-Dichloropropane	4.544	77	58500	19.62	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	43420	20.13	ug/l	96
28) Bromochloromethane	4.977	49	24843	19.03	ug/l	85
29) Tetrahydrofuran	5.086	42	77144	108.24	ug/l	95
30) Chloroform	5.172	83	74672	20.83	ug/l	99
31) Cyclohexane	5.544	56	48291	18.98	ug/l	93
32) 1,1,1-Trichloroethane	5.458	97	66694	20.68	ug/l	98
36) 1,1-Dichloropropene	5.763	75	50119	20.12	ug/l	98
37) Ethyl Acetate	4.788	43	46909	20.73	ug/l	98
38) Carbon Tetrachloride	5.745	117	58129	20.00	ug/l	96
39) Methylcyclohexane	7.440	83	55039	19.35	ug/l	98
40) Benzene	6.104	78	154919	20.69	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	25520	21.55	ug/l	97
42) 1,2-Dichloroethane	6.159	62	56598	21.20	ug/l	100
43) Isopropyl Acetate	6.409	43	74362	21.20	ug/l	99
44) Trichloroethene	7.184	130	44902	20.18	ug/l	97
45) 1,2-Dichloropropane	7.482	63	38734	21.09	ug/l	97
46) Dibromomethane	7.635	93	29657	21.27	ug/l	96
47) Bromodichloromethane	7.872	83	58830	20.67	ug/l	98
48) Methyl methacrylate	7.744	41	36040	21.14	ug/l	95
49) 1,4-Dioxane	7.726	88	19373	450.68	ug/l	97
51) 4-Methyl-2-Pentanone	8.616	43	239154	109.92	ug/l	99
52) Toluene	8.762	92	99322	20.86	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	58669	20.24	ug/l	98
54) cis-1,3-Dichloropropene	8.409	75	64493	20.77	ug/l	98
55) 1,1,2-Trichloroethane	9.195	97	42847	21.30	ug/l	97
56) Ethyl methacrylate	9.159	69	53993	20.70	ug/l	97
57) 1,3-Dichloropropane	9.348	76	70144	21.46	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.287	63	123312	93.24	ug/l	96
59) 2-Hexanone	9.470	43	179441	110.02	ug/l	100
60) Dibromochloromethane	9.561	129	47861	21.06	ug/l	99
61) 1,2-Dibromoethane	9.653	107	45749	21.32	ug/l	99
64) Tetrachloroethene	9.317	164	45930	20.02	ug/l	97
65) Chlorobenzene	10.116	112	109503	20.48	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	43489	21.31	ug/l	98
67) Ethyl Benzene	10.232	91	182254	20.71	ug/l	99
68) m/p-Xylenes	10.341	106	142627	42.05	ug/l	99
69) o-Xylene	10.683	106	66105	21.15	ug/l	98
70) Styrene	10.695	104	114919	21.54	ug/l	99
71) Bromoform	10.841	173	34855	21.05	ug/l #	98
73) Isopropylbenzene	11.000	105	182243	20.53	ug/l	99
74) N-amyl acetate	10.878	43	55706	18.57	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.250	83	63078	21.82	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	56680m	20.44	ug/l	
77) Bromobenzene	11.238	156	49606	20.86	ug/l	91
78) n-propylbenzene	11.341	91	208222	21.22	ug/l	98
79) 2-Chlorotoluene	11.402	91	127255	21.02	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	158733	21.34	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	18265	17.94	ug/l	95
82) 4-Chlorotoluene	11.494	91	151662	21.11	ug/l	100
83) tert-Butylbenzene	11.756	119	146659	20.53	ug/l	96
84) 1,2,4-Trimethylbenzene	11.792	105	161132	21.67	ug/l	100
85) sec-Butylbenzene	11.927	105	175689	21.07	ug/l	99
86) p-Isopropyltoluene	12.048	119	165578	21.39	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	87981	20.24	ug/l	100
88) 1,4-Dichlorobenzene	12.079	146	91218	20.47	ug/l	98
89) n-Butylbenzene	12.372	91	135763	20.26	ug/l	98
90) Hexachloroethane	12.579	117	27941	19.13	ug/l	97
91) 1,2-Dichlorobenzene	12.378	146	88939	20.72	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	14355	21.15	ug/l	99
93) 1,2,4-Trichlorobenzene	13.627	180	58312	20.38	ug/l	98
94) Hexachlorobutadiene	13.762	225	27897	19.63	ug/l	98
95) Naphthalene	13.816	128	174681	20.40	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	58748	20.19	ug/l	100

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

