

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020604.D
 Acq On : 14 Jan 2021 11:53
 Operator : JC/MD
 Sample : VX0114WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Manual Integrations
 APPROVED

SAM
 1/19/2021 3:40:29 PM

Quant Time: Jan 15 05:08:40 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	187229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	278559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	257866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	136145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	107023	47.59	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.18%		
35) Dibromofluoromethane	5.458	113	93212	48.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.58%		
50) Toluene-d8	8.695	98	350298	50.72	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.44%		
62) 4-Bromofluorobenzene	11.122	95	124376	51.00	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.00%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	34610	18.74	ug/l	99
3) Chloromethane	1.306	50	31673	18.53	ug/l	100
4) Vinyl Chloride	1.392	62	37930	19.35	ug/l	99
5) Bromomethane	1.629	94	23136	17.48	ug/l	96
6) Chloroethane	1.703	64	25399	19.34	ug/l	97
7) Trichlorofluoromethane	1.910	101	67110	20.68	ug/l	97
8) Diethyl Ether	2.166	74	23838	20.61	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.361	101	39084	21.46	ug/l	95
10) Methyl Iodide	2.489	142	45567	17.94	ug/l	96
11) Tert butyl alcohol	3.050	59	39091m	93.20	ug/l	
12) 1,1-Dichloroethene	2.355	96	36018	20.15	ug/l	90
13) Acrolein	2.269	56	24737	79.36	ug/l	99
14) Allyl chloride	2.702	41	48246	19.43	ug/l	96
15) Acrylonitrile	3.111	53	100753	105.51	ug/l	99
16) Acetone	2.416	43	82296	104.80	ug/l	98
17) Carbon Disulfide	2.550	76	82409	16.72	ug/l	99
18) Methyl Acetate	2.745	43	41321	20.74	ug/l	96
19) Methyl tert-butyl Ether	3.160	73	123046	21.22	ug/l	97
20) Methylene Chloride	2.830	84	43240	20.35	ug/l	94
21) trans-1,2-Dichloroethene	3.141	96	40199	20.02	ug/l	92
22) Diisopropyl ether	3.818	45	107625	21.46	ug/l	98
23) Vinyl Acetate	3.781	43	444720	103.91	ug/l	97
24) 1,1-Dichloroethane	3.666	63	69672	20.92	ug/l	99
25) 2-Butanone	4.629	43	125265	103.06	ug/l	94
26) 2,2-Dichloropropane	4.543	77	61903	19.98	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	47107	21.03	ug/l	94
28) Bromochloromethane	4.976	49	25205	18.59	ug/l	88
29) Tetrahydrofuran	5.080	42	78908	106.58	ug/l	94
30) Chloroform	5.171	83	78883	21.18	ug/l	99
31) Cyclohexane	5.543	56	51705	19.57	ug/l	94
32) 1,1,1-Trichloroethane	5.458	97	70498	21.05	ug/l	98
36) 1,1-Dichloropropene	5.763	75	53145	20.88	ug/l	99
37) Ethyl Acetate	4.787	43	48783	21.10	ug/l	99
38) Carbon Tetrachloride	5.751	117	62094	20.91	ug/l	98
39) Methylcyclohexane	7.433	83	57821	19.89	ug/l	97
40) Benzene	6.104	78	163950	21.43	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	25925	21.43	ug/l	94
42) 1,2-Dichloroethane	6.153	62	59489	21.81	ug/l	100
43) Isopropyl Acetate	6.409	43	76355	21.30	ug/l	99
44) Trichloroethene	7.183	130	47697	20.98	ug/l	95
45) 1,2-Dichloropropane	7.482	63	40695	21.69	ug/l	94
46) Dibromomethane	7.634	93	30679	21.53	ug/l	96
47) Bromodichloromethane	7.872	83	62656	21.54	ug/l	98
48) Methyl methacrylate	7.744	41	36497	20.95	ug/l	93
49) 1,4-Dioxane	7.726	88	19518	444.39	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	258803	116.42	ug/l	98
52) Toluene	8.762	92	108330	22.27	ug/l	100
53) t-1,3-Dichloropropene	9.018	75	62579	21.13	ug/l	97
54) cis-1,3-Dichloropropene	8.409	75	70795	22.32	ug/l	92
55) 1,1,2-Trichloroethane	9.195	97	44107	21.46	ug/l	99
56) Ethyl methacrylate	9.159	69	55690	20.90	ug/l	92
57) 1,3-Dichloropropane	9.347	76	75076	22.48	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	136555	100.67	ug/l	97
59) 2-Hexanone	9.469	43	194335	116.61	ug/l	98
60) Dibromochloromethane	9.561	129	51161	22.04	ug/l	100
61) 1,2-Dibromoethane	9.652	107	48808	22.26	ug/l	100
64) Tetrachloroethene	9.317	164	48502	20.82	ug/l	96
65) Chlorobenzene	10.116	112	115741	21.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	46105	22.26	ug/l	98
67) Ethyl Benzene	10.231	91	198581	22.23	ug/l	98
68) m/p-Xylenes	10.341	106	155491	45.16	ug/l	98
69) o-Xylene	10.683	106	67719	21.35	ug/l	99
70) Styrene	10.695	104	118296	21.85	ug/l	99
71) Bromoform	10.841	173	34587	20.57	ug/l #	99
73) Isopropylbenzene	11.000	105	192067	20.92	ug/l	99
74) N-amyl acetate	10.878	43	55589	17.97	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.250	83	66883	22.37	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	61932m	21.59	ug/l	
77) Bromobenzene	11.237	156	52308	21.27	ug/l	94
78) n-propylbenzene	11.341	91	226486	22.32	ug/l	99
79) 2-Chlorotoluene	11.402	91	135272	21.61	ug/l	98
80) 1,3,5-Trimethylbenzene	11.487	105	174847	22.73	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.055	75	19227	18.27	ug/l	98
82) 4-Chlorotoluene	11.493	91	164629	22.16	ug/l	99
83) tert-Butylbenzene	11.756	119	160630	21.74	ug/l	98
84) 1,2,4-Trimethylbenzene	11.786	105	177436	23.08	ug/l	100
85) sec-Butylbenzene	11.926	105	188492	21.86	ug/l	98
86) p-Isopropyltoluene	12.048	119	180642	22.56	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	94323	20.99	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	94651	20.54	ug/l	99
89) n-Butylbenzene	12.371	91	147713	21.32	ug/l	99
90) Hexachloroethane	12.579	117	30453	20.17	ug/l	95
91) 1,2-Dichlorobenzene	12.371	146	94666	21.33	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	14781	21.06	ug/l	99
93) 1,2,4-Trichlorobenzene	13.627	180	62379	21.08	ug/l	99
94) Hexachlorobutadiene	13.761	225	29579	20.11	ug/l	94
95) Naphthalene	13.816	128	185938	20.89	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	61622	20.48	ug/l	98

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

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