

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
 Data File : VX020556.D
 Acq On : 11 Jan 2021 17:55
 Operator : JC/MD
 Sample : VX0111WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/12/2021 10:53:54 AM

Quant Time: Jan 12 02:53:31 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	5.629	168	181136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	279552	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	264144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	128485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	107687	49.50	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.00%		
35) Dibromofluoromethane	5.458	113	92702	47.86	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.72%		
50) Toluene-d8	8.695	98	334142	48.21	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.42%		
62) 4-Bromofluorobenzene	11.122	95	121109	49.48	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.96%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	33050	18.50	ug/l	99
3) Chloromethane	1.313	50	30971	18.73	ug/l	98
4) Vinyl Chloride	1.392	62	36572	19.29	ug/l	98
5) Bromomethane	1.636	94	24059	18.79	ug/l	100
6) Chloroethane	1.709	64	24651	19.41	ug/l	99
7) Trichlorofluoromethane	1.916	101	63564	20.24	ug/l	95
8) Diethyl Ether	2.166	74	23438	20.95	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.367	101	36243	20.57	ug/l	94
10) Methyl Iodide	2.489	142	45311	18.44	ug/l	97
11) Tert butyl alcohol	3.026	59	42109m	104.03	ug/l	
12) 1,1-Dichloroethene	2.355	96	34552	19.98	ug/l	95
13) Acrolein	2.270	56	26873	89.11	ug/l	99
14) Allyl chloride	2.709	41	48474	20.17	ug/l	96
15) Acrylonitrile	3.117	53	98222	106.32	ug/l	99
16) Acetone	2.422	43	78429	103.18	ug/l	99
17) Carbon Disulfide	2.550	76	83213	17.45	ug/l	99
18) Methyl Acetate	2.745	43	40280	20.90	ug/l	97
19) Methyl tert-butyl Ether	3.166	73	123308	21.98	ug/l	98
20) Methylene Chloride	2.837	84	42246	20.55	ug/l	92
21) trans-1,2-Dichloroethene	3.142	96	38581	19.86	ug/l	93
22) Diisopropyl ether	3.818	45	106153	21.88	ug/l	93
23) Vinyl Acetate	3.782	43	443970	107.22	ug/l	98
24) 1,1-Dichloroethane	3.666	63	66973	20.79	ug/l	99
25) 2-Butanone	4.635	43	121489	103.32	ug/l	96
26) 2,2-Dichloropropane	4.550	77	59948	20.00	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	45236	20.87	ug/l	94
28) Bromochloromethane	4.977	49	24999	19.05	ug/l	84
29) Tetrahydrofuran	5.086	42	77555	108.28	ug/l	95
30) Chloroform	5.172	83	75241	20.88	ug/l	99
31) Cyclohexane	5.550	56	51899	20.30	ug/l	94
32) 1,1,1-Trichloroethane	5.458	97	67081	20.70	ug/l	98
36) 1,1-Dichloropropene	5.769	75	50964	19.95	ug/l	98
37) Ethyl Acetate	4.788	43	48224	20.79	ug/l	99
38) Carbon Tetrachloride	5.751	117	59830	20.07	ug/l	97
39) Methylcyclohexane	7.440	83	57730	19.79	ug/l	97
40) Benzene	6.111	78	158431	20.64	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	26150	21.53	ug/l	96
42) 1,2-Dichloroethane	6.159	62	57723	21.09	ug/l	99
43) Isopropyl Acetate	6.409	43	75829	21.08	ug/l	99
44) Trichloroethene	7.183	130	46286	20.29	ug/l	94
45) 1,2-Dichloropropane	7.488	63	39345	20.89	ug/l	98
46) Dibromomethane	7.635	93	30070	21.03	ug/l	97
47) Bromodichloromethane	7.872	83	60673	20.79	ug/l	98
48) Methyl methacrylate	7.744	41	37018	21.17	ug/l	95
49) 1,4-Dioxane	7.732	88	18565	421.19	ug/l	95
51) 4-Methyl-2-Pentanone	8.616	43	238587	106.95	ug/l	98
52) Toluene	8.762	92	102545	21.01	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	59746	20.10	ug/l	98
54) cis-1,3-Dichloropropene	8.415	75	66140	20.78	ug/l	95
55) 1,1,2-Trichloroethane	9.195	97	43495	21.09	ug/l	97
56) Ethyl methacrylate	9.159	69	55879	20.89	ug/l	98
57) 1,3-Dichloropropane	9.354	76	72572	21.65	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	125613	92.66	ug/l	94
59) 2-Hexanone	9.470	43	183921	109.97	ug/l	98
60) Dibromochloromethane	9.561	129	49319	21.17	ug/l	100
61) 1,2-Dibromoethane	9.653	107	47250	21.47	ug/l	100
64) Tetrachloroethene	9.317	164	47326	19.84	ug/l	97
65) Chlorobenzene	10.122	112	114431	20.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	42184	19.88	ug/l	99
67) Ethyl Benzene	10.232	91	182584	19.95	ug/l	98
68) m/p-Xylenes	10.341	106	141301	40.06	ug/l	100
69) o-Xylene	10.683	106	67533	20.78	ug/l	98
70) Styrene	10.695	104	115571	20.84	ug/l	99
71) Bromoform	10.841	173	35057	20.36	ug/l #	98
73) Isopropylbenzene	11.000	105	186250	21.50	ug/l	100
74) N-amyl acetate	10.878	43	57531	19.58	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.250	83	62539	22.17	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	59008m	21.80	ug/l	
77) Bromobenzene	11.238	156	48207	20.77	ug/l	95
78) n-propylbenzene	11.341	91	210087	21.94	ug/l	98
79) 2-Chlorotoluene	11.402	91	132945	22.50	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	164790	22.70	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	19767	19.90	ug/l	93
82) 4-Chlorotoluene	11.494	91	156091	22.27	ug/l	99
83) tert-Butylbenzene	11.756	119	155649	22.32	ug/l	98
84) 1,2,4-Trimethylbenzene	11.792	105	162223	22.36	ug/l	100
85) sec-Butylbenzene	11.927	105	179847	22.11	ug/l	99
86) p-Isopropyltoluene	12.048	119	165625	21.92	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	89186	21.03	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	90454	20.80	ug/l	99
89) n-Butylbenzene	12.372	91	136991	20.95	ug/l	99
90) Hexachloroethane	12.579	117	29534	20.72	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	87089	20.79	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	13764	20.78	ug/l	98
93) 1,2,4-Trichlorobenzene	13.627	180	56379	20.19	ug/l	98
94) Hexachlorobutadiene	13.762	225	29335	21.09	ug/l	98
95) Naphthalene	13.816	128	177218	21.05	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	60194	21.20	ug/l	99

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

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