

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
 Data File : VX020573.D
 Acq On : 12 Jan 2021 12:41
 Operator : JC/MD
 Sample : VX0112WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0112WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2021 4:38:34 PM

Quant Time: Jan 13 00:24:53 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	179475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	271014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	258582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	130081	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	103279	47.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.82%		
35) Dibromofluoromethane	5.458	113	89535	47.68	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.36%		
50) Toluene-d8	8.695	98	334852	49.83	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.66%		
62) 4-Bromofluorobenzene	11.116	95	114561	48.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.56%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	30822	17.41	ug/l	97
3) Chloromethane	1.312	50	29250	17.85	ug/l	99
4) Vinyl Chloride	1.392	62	34868	18.56	ug/l	99
5) Bromomethane	1.629	94	21602	17.03	ug/l	99
6) Chloroethane	1.709	64	23755	18.85	ug/l	99
7) Trichlorofluoromethane	1.916	101	60991	19.60	ug/l	98
8) Diethyl Ether	2.166	74	22054	19.90	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.361	101	35152	20.14	ug/l	95
10) Methyl Iodide	2.489	142	45216	18.57	ug/l	98
11) Tert butyl alcohol	3.044	59	38169m	94.98	ug/l	
12) 1,1-Dichloroethene	2.355	96	32830	19.16	ug/l	93
13) Acrolein	2.270	56	25998	87.01	ug/l	100
14) Allyl chloride	2.702	41	45031	18.91	ug/l	96
15) Acrylonitrile	3.111	53	93880	102.56	ug/l	99
16) Acetone	2.416	43	75495	100.12	ug/l	99
17) Carbon Disulfide	2.550	76	79064	16.74	ug/l	99
18) Methyl Acetate	2.745	43	38659	20.24	ug/l	96
19) Methyl tert-butyl Ether	3.160	73	115123	20.71	ug/l	99
20) Methylene Chloride	2.830	84	40148	19.71	ug/l	94
21) trans-1,2-Dichloroethene	3.135	96	36905	19.17	ug/l	92
22) Diisopropyl ether	3.818	45	100406	20.89	ug/l	96
23) Vinyl Acetate	3.782	43	418898	102.10	ug/l	97
24) 1,1-Dichloroethane	3.666	63	63233	19.81	ug/l	98
25) 2-Butanone	4.629	43	114889	98.61	ug/l	96
26) 2,2-Dichloropropane	4.544	77	57068	19.22	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	42773	19.92	ug/l	94
28) Bromochloromethane	4.976	49	24099	18.54	ug/l	84
29) Tetrahydrofuran	5.080	42	73267	103.24	ug/l	94
30) Chloroform	5.165	83	72453	20.29	ug/l	99
31) Cyclohexane	5.543	56	47878	18.90	ug/l	95
32) 1,1,1-Trichloroethane	5.458	97	64442	20.07	ug/l	98
36) 1,1-Dichloropropene	5.763	75	48744	19.68	ug/l	98
37) Ethyl Acetate	4.787	43	45630	20.29	ug/l	100
38) Carbon Tetrachloride	5.745	117	56865	19.68	ug/l	99
39) Methylcyclohexane	7.433	83	52868	18.69	ug/l	98
40) Benzene	6.104	78	151337	20.33	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	24307	20.65	ug/l	93
42) 1,2-Dichloroethane	6.159	62	55495	20.91	ug/l	100
43) Isopropyl Acetate	6.403	43	70848	20.32	ug/l	99
44) Trichloroethene	7.183	130	44177	19.97	ug/l	93
45) 1,2-Dichloropropane	7.482	63	37756	20.68	ug/l	99
46) Dibromomethane	7.634	93	28650	20.67	ug/l	93
47) Bromodichloromethane	7.872	83	57904	20.46	ug/l	98
48) Methyl methacrylate	7.738	41	35132	20.73	ug/l	96
49) 1,4-Dioxane	7.726	88	18477	432.40	ug/l	95
51) 4-Methyl-2-Pentanone	8.616	43	224048	103.59	ug/l	96
52) Toluene	8.762	92	101072	21.36	ug/l	100
53) t-1,3-Dichloropropene	9.018	75	57370	19.91	ug/l	98
54) cis-1,3-Dichloropropene	8.409	75	66261	21.47	ug/l	95
55) 1,1,2-Trichloroethane	9.195	97	43204	21.61	ug/l	96
56) Ethyl methacrylate	9.159	69	55319	21.34	ug/l	94
57) 1,3-Dichloropropane	9.348	76	71117	21.89	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	125463	95.33	ug/l	95
59) 2-Hexanone	9.470	43	181446	111.91	ug/l	99
60) Dibromochloromethane	9.561	129	47901	21.21	ug/l	100
61) 1,2-Dibromoethane	9.652	107	42393	19.87	ug/l	98
64) Tetrachloroethene	9.317	164	47181	20.20	ug/l	96
65) Chlorobenzene	10.116	112	111197	20.43	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	42716	20.56	ug/l	99
67) Ethyl Benzene	10.232	91	178244	19.90	ug/l	99
68) m/p-Xylenes	10.341	106	138213	40.03	ug/l	99
69) o-Xylene	10.683	106	64049	20.13	ug/l	100
70) Styrene	10.695	104	113107	20.83	ug/l	99
71) Bromoform	10.841	173	34100	20.23	ug/l #	98
73) Isopropylbenzene	11.000	105	177512	20.24	ug/l	99
74) N-amyl acetate	10.878	43	54229	18.32	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.250	83	59796	20.93	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	56789m	20.72	ug/l	
77) Bromobenzene	11.237	156	49069	20.88	ug/l	91
78) n-propylbenzene	11.341	91	201362	20.77	ug/l	99
79) 2-Chlorotoluene	11.402	91	123340	20.62	ug/l	96
80) 1,3,5-Trimethylbenzene	11.487	105	155184	21.12	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	17839	17.74	ug/l	96
82) 4-Chlorotoluene	11.494	91	147072	20.72	ug/l	98
83) tert-Butylbenzene	11.750	119	142389	20.17	ug/l	98
84) 1,2,4-Trimethylbenzene	11.786	105	157500	21.44	ug/l	100
85) sec-Butylbenzene	11.926	105	169938	20.63	ug/l	98
86) p-Isopropyltoluene	12.048	119	159619	20.87	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	86424	20.13	ug/l	100
88) 1,4-Dichlorobenzene	12.079	146	89268	20.27	ug/l	99
89) n-Butylbenzene	12.371	91	132169	19.97	ug/l	98
90) Hexachloroethane	12.579	117	27697	19.20	ug/l	95
91) 1,2-Dichlorobenzene	12.371	146	86372	20.37	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	13233	19.73	ug/l	95
93) 1,2,4-Trichlorobenzene	13.627	180	57117	20.21	ug/l	98
94) Hexachlorobutadiene	13.761	225	29063	20.66	ug/l	96
95) Naphthalene	13.816	128	169800	20.13	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	57415	19.97	ug/l	98

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

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