

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022421\
 Data File : VX020898.D
 Acq On : 24 Feb 2021 12:53
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 2/25/2021 1:08:51 PM

Quant Time: Feb 24 13:22:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:08:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	182810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	324422	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	279720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	133663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	252736	111.27	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 222.54%#			
35) Dibromofluoromethane	5.464	113	208504	94.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 188.66%#			
50) Toluene-d8	8.694	98	799925	100.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 200.40%#			
62) 4-Bromofluorobenzene	11.118	95	295374	101.58	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 203.16%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.181	85	201759	110.51	ug/l	100
3) Chloromethane	1.311	50	218208	124.43	ug/l	99
4) Vinyl Chloride	1.393	62	262683	130.62	ug/l	99
5) Bromomethane	1.622	94	78506	66.09	ug/l	93
6) Chloroethane	1.699	64	161176	137.23	ug/l	99
7) Trichlorofluoromethane	1.905	101	332442	104.93	ug/l	99
8) Diethyl Ether	2.169	74	148795	125.25	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.358	101	205460	113.53	ug/l	97
10) Methyl Iodide	2.487	142	294819	117.10	ug/l	96
11) Tert butyl alcohol	3.028	59	273495	595.53	ug/l	99
12) 1,1-Dichloroethene	2.352	96	215729	120.01	ug/l	95
13) Acrolein	2.275	56	176372	569.38	ug/l	98
14) Allyl chloride	2.705	41	353115	136.28	ug/l	99
15) Acrylonitrile	3.117	53	605517	621.81	ug/l	99
16) Acetone	2.422	43	478045	556.17	ug/l	98
17) Carbon Disulfide	2.546	76	612162	122.82	ug/l	99
18) Methyl Acetate	2.752	43	252757	123.90	ug/l	100
19) Methyl tert-butyl Ether	3.170	73	762087	128.49	ug/l	100
20) Methylene Chloride	2.828	84	244344	114.39	ug/l	99
21) trans-1,2-Dichloroethene	3.134	96	233330	115.79	ug/l	97
22) Diisopropyl ether	3.829	45	698037	134.72	ug/l	91
23) Vinyl Acetate	3.787	43	3034519	683.93	ug/l	99
24) 1,1-Dichloroethane	3.670	63	414979	122.91	ug/l	99
25) 2-Butanone	4.634	43	781188	625.98	ug/l	99
26) 2,2-Dichloropropane	4.552	77	368316	117.55	ug/l	99
27) cis-1,2-Dichloroethene	4.558	96	270763	119.59	ug/l	98
28) Bromochloromethane	4.982	49	178128	128.30	ug/l	100
29) Tetrahydrofuran	5.087	42	509310	666.77	ug/l	100
30) Chloroform	5.176	83	416720	112.38	ug/l	98
31) Cyclohexane	5.546	56	373472	135.06	ug/l	97
32) 1,1,1-Trichloroethane	5.458	97	360207	108.82	ug/l	100
36) 1,1-Dichloropropene	5.764	75	321726	108.26	ug/l	99
37) Ethyl Acetate	4.793	43	311553	113.80	ug/l	100
38) Carbon Tetrachloride	5.746	117	305310	90.80	ug/l	99
39) Methylcyclohexane	7.441	83	407151	119.06	ug/l	98
40) Benzene	6.111	78	970784	108.91	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	174696	121.35	ug/l	98
42) 1,2-Dichloroethane	6.158	62	323013	102.27	ug/l	98
43) Isopropyl Acetate	6.411	43	525553	122.46	ug/l	100
44) Trichloroethene	7.182	130	259657	99.54	ug/l	98
45) 1,2-Dichloropropane	7.488	63	242466	110.09	ug/l	97
46) Dibromomethane	7.635	93	164984	100.62	ug/l	95
47) Bromodichloromethane	7.876	83	344818	102.72	ug/l	98
48) Methyl methacrylate	7.747	41	259545	123.99	ug/l	99
49) 1,4-Dioxane	7.717	88	118683	2277.15	ug/l	98
51) 4-Methyl-2-Pentanone	8.623	43	1486732	566.59	ug/l	99
52) Toluene	8.764	92	600793	106.46	ug/l	100
53) t-1,3-Dichloropropene	9.023	75	388967	111.84	ug/l	99
54) cis-1,3-Dichloropropene	8.417	75	422134	113.40	ug/l	97
55) 1,1,2-Trichloroethane	9.194	97	235355	99.35	ug/l	98
56) Ethyl methacrylate	9.159	69	384532	121.31	ug/l	99
57) 1,3-Dichloropropane	9.353	76	403911	103.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.294	63	969868	642.86	ug/l	98
59) 2-Hexanone	9.476	43	1118482	569.85	ug/l	100
60) Dibromochloromethane	9.565	129	254359	95.69	ug/l	99
61) 1,2-Dibromoethane	9.653	107	250462	99.61	ug/l	99
64) Tetrachloroethene	9.317	164	204686	83.12	ug/l #	80
65) Chlorobenzene	10.118	112	628957	106.14	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	226344	99.50	ug/l	97
67) Ethyl Benzene	10.235	91	1117898	112.33	ug/l	98
68) m/p-Xylenes	10.341	106	839769	223.02	ug/l	98
69) o-Xylene	10.682	106	401261	113.75	ug/l	98
70) Styrene	10.694	104	707709	117.94	ug/l	99
71) Bromoform	10.841	173	178613	99.64	ug/l #	100
73) Isopropylbenzene	11.000	105	1060140	115.10	ug/l	100
74) N-amyl acetate	10.882	43	436151	144.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.253	83	338359	112.03	ug/l	100
76) 1,2,3-Trichloropropane	11.282	75	282165m	96.75	ug/l	
77) Bromobenzene	11.235	156	248500	102.13	ug/l	94
78) n-propylbenzene	11.347	91	1215716	118.75	ug/l	100
79) 2-Chlorotoluene	11.406	91	726060	115.07	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	888389	114.90	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	133256	121.62	ug/l	94
82) 4-Chlorotoluene	11.494	91	842495	112.75	ug/l	99
83) tert-Butylbenzene	11.753	119	866389	117.09	ug/l	98
84) 1,2,4-Trimethylbenzene	11.788	105	890321	115.69	ug/l	99
85) sec-Butylbenzene	11.930	105	1028791	118.14	ug/l	100
86) p-Isopropyltoluene	12.047	119	945821	118.08	ug/l	100
87) 1,3-Dichlorobenzene	12.006	146	449481	101.92	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	460113	101.54	ug/l	99
89) n-Butylbenzene	12.371	91	861596	122.69	ug/l	99
90) Hexachloroethane	12.577	117	185905	120.68	ug/l	84
91) 1,2-Dichlorobenzene	12.371	146	432446	98.44	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	78707	110.53	ug/l	95
93) 1,2,4-Trichlorobenzene	13.630	180	302661	104.97	ug/l	98
94) Hexachlorobutadiene	13.765	225	111949	73.51	ug/l	95
95) Naphthalene	13.818	128	1058383	122.48	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	300320	102.75	ug/l	98

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

