

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020119.D
 Acq On : 18 Dec 2020 11:57
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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 12/21/2020 3:57:56 PM

Quant Time: Dec 18 12:25:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 12:23:32 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.617	168	218636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	378640	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	366144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	181217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	153161	52.29	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.58%			
35) Dibromofluoromethane	5.458	113	121494	49.45	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.90%			
50) Toluene-d8	8.689	98	459075	49.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.32%			
62) 4-Bromofluorobenzene	11.122	95	175694	49.38	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.76%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	111286	55.17	ug/l	98
3) Chloromethane	1.313	50	135627	55.93	ug/l	98
4) Vinyl Chloride	1.392	62	140248	55.59	ug/l	99
5) Bromomethane	1.624	94	45566	54.36	ug/l	96
6) Chloroethane	1.703	64	93922	60.87	ug/l	99
7) Trichlorofluoromethane	1.910	101	177015	51.16	ug/l	99
8) Diethyl Ether	2.166	74	90030	59.13	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.361	101	99676	50.43	ug/l	97
10) Methyl Iodide	2.489	142	144306	49.71	ug/l	99
11) Tert butyl alcohol	3.014	59	158422	245.34	ug/l	99
12) 1,1-Dichloroethene	2.355	96	104285	51.88	ug/l	97
13) Acrolein	2.270	56	103499	304.83	ug/l	100
14) Allyl chloride	2.703	41	201272	57.69	ug/l	97
15) Acrylonitrile	3.111	53	403103	298.16	ug/l	100
16) Acetone	2.416	43	336279	299.63	ug/l	100
17) Carbon Disulfide	2.544	76	307481	52.86	ug/l	100
18) Methyl Acetate	2.745	43	157107	57.79	ug/l	99
19) Methyl tert-butyl Ether	3.160	73	456469	60.26	ug/l	99
20) Methylene Chloride	2.831	84	152998	53.18	ug/l	98
21) trans-1,2-Dichloroethene	3.135	96	133649	56.04	ug/l	97
22) Diisopropyl ether	3.818	45	437867	61.39	ug/l	96
23) Vinyl Acetate	3.776	43	1932006	316.27	ug/l	99
24) 1,1-Dichloroethane	3.666	63	244578	57.60	ug/l	99
25) 2-Butanone	4.623	43	517447	299.69	ug/l	98
26) 2,2-Dichloropropane	4.544	77	193735	53.88	ug/l	100
27) cis-1,2-Dichloroethene	4.556	96	159092	56.63	ug/l	99
28) Bromochloromethane	4.970	49	109721	54.81	ug/l	97
29) Tetrahydrofuran	5.080	42	330210	297.10	ug/l	98
30) Chloroform	5.172	83	253945	58.09	ug/l	97
31) Cyclohexane	5.537	56	187505	52.35	ug/l	97
32) 1,1,1-Trichloroethane	5.458	97	197905	53.67	ug/l	99
36) 1,1-Dichloropropene	5.763	75	169965	49.72	ug/l	100
37) Ethyl Acetate	4.788	43	199917	56.16	ug/l	99
38) Carbon Tetrachloride	5.745	117	164735	49.52	ug/l	98
39) Methylcyclohexane	7.433	83	189573	47.86	ug/l	96
40) Benzene	6.104	78	577384	54.30	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	110924	56.83	ug/l	99
42) 1,2-Dichloroethane	6.153	62	205810	56.29	ug/l	100
43) Isopropyl Acetate	6.403	43	319862	55.55	ug/l	99
44) Trichloroethene	7.184	130	142288	51.61	ug/l	96
45) 1,2-Dichloropropane	7.482	63	149762	55.97	ug/l	99
46) Dibromomethane	7.635	93	102789	56.80	ug/l	98
47) Bromodichloromethane	7.872	83	200400	56.12	ug/l	99
48) Methyl methacrylate	7.738	41	160152	56.50	ug/l	98
49) 1,4-Dioxane	7.708	88	73280	1077.93	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	1005041	285.07	ug/l	99
52) Toluene	8.762	92	356357	53.81	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	224653	56.79	ug/l	98
54) cis-1,3-Dichloropropene	8.409	75	246258	57.14	ug/l	100
55) 1,1,2-Trichloroethane	9.195	97	151512	56.17	ug/l	99
56) Ethyl methacrylate	9.153	69	232852	57.15	ug/l	99
57) 1,3-Dichloropropane	9.348	76	259592	56.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	596529	276.76	ug/l	99
59) 2-Hexanone	9.470	43	764367	281.06	ug/l	99
60) Dibromochloromethane	9.561	129	154249	56.56	ug/l	99
61) 1,2-Dibromoethane	9.653	107	159670	55.74	ug/l	100
64) Tetrachloroethene	9.317	164	123201	50.25	ug/l	93
65) Chlorobenzene	10.116	112	382575	52.11	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.201	131	140493	53.15	ug/l	99
67) Ethyl Benzene	10.232	91	667517	51.54	ug/l	98
68) m/p-Xylenes	10.341	106	507562	103.92	ug/l	98
69) o-Xylene	10.683	106	248356	52.70	ug/l	99
70) Styrene	10.695	104	431858	54.23	ug/l	100
71) Bromoform	10.841	173	109667	53.19	ug/l	95
73) Isopropylbenzene	11.000	105	627244	50.59	ug/l	99
74) N-amyl acetate	10.878	43	278082	55.13	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	235632	53.23	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	219676m	53.30	ug/l	
77) Bromobenzene	11.238	156	164909	51.52	ug/l	97
78) n-propylbenzene	11.341	91	723194	51.12	ug/l	100
79) 2-Chlorotoluene	11.402	91	459440	52.25	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	546391	52.18	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	78023	54.84	ug/l	99
82) 4-Chlorotoluene	11.494	91	541553	52.53	ug/l	99
83) tert-Butylbenzene	11.756	119	509665	49.97	ug/l	99
84) 1,2,4-Trimethylbenzene	11.792	105	570388	53.78	ug/l	98
85) sec-Butylbenzene	11.927	105	571246	49.29	ug/l	100
86) p-Isopropyltoluene	12.048	119	546193	51.16	ug/l	100
87) 1,3-Dichlorobenzene	12.006	146	302546	51.72	ug/l	100
88) 1,4-Dichlorobenzene	12.079	146	306512	51.37	ug/l	99
89) n-Butylbenzene	12.372	91	467291	49.67	ug/l	99
90) Hexachloroethane	12.579	117	91208	49.53	ug/l	95
91) 1,2-Dichlorobenzene	12.372	146	299063	52.37	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	51311	53.74	ug/l	94
93) 1,2,4-Trichlorobenzene	13.627	180	191165	51.76	ug/l	99
94) Hexachlorobutadiene	13.768	225	68784	42.71	ug/l	97
95) Naphthalene	13.816	128	655954	54.31	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	188738	52.19	ug/l	99

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

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