

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020989.D
 Acq On : 03 Mar 2021 00:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 11:01:23 AM

Quant Time: Mar 03 01:22:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	188605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	339222	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	301571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	133899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	127334	49.98	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.96%		
35) Dibromofluoromethane	5.470	113	103607	50.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.54%		
50) Toluene-d8	8.694	98	413368	51.44	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.88%		
62) 4-Bromofluorobenzene	11.118	95	139285	46.87	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.74%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	97772	47.94	ug/l	99
3) Chloromethane	1.311	50	117714	51.95	ug/l	100
4) Vinyl Chloride	1.399	62	133391	51.14	ug/l	99
5) Bromomethane	1.628	94	51303	60.14	ug/l	97
6) Chloroethane	1.711	64	85112	52.15	ug/l	100
7) Trichlorofluoromethane	1.917	101	175633	53.33	ug/l	92
8) Diethyl Ether	2.170	74	78727	51.52	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.370	101	100432	49.51	ug/l	99
10) Methyl Iodide	2.493	142	131052	48.08	ug/l	97
11) Tert butyl alcohol	3.011	59	108909	191.97	ug/l #	89
12) 1,1-Dichloroethene	2.358	96	107295	50.82	ug/l	98
13) Acrolein	2.276	56	83471	237.61	ug/l	98
14) Allyl chloride	2.705	41	164179	47.60	ug/l	99
15) Acrylonitrile	3.111	53	285325	235.71	ug/l	99
16) Acetone	2.417	43	224537	213.90	ug/l	98
17) Carbon Disulfide	2.552	76	298935	49.70	ug/l	100
18) Methyl Acetate	2.746	43	114154	45.98	ug/l	98
19) Methyl tert-butyl Ether	3.164	73	379829	50.37	ug/l	99
20) Methylene Chloride	2.834	84	128155	50.89	ug/l	96
21) trans-1,2-Dichloroethene	3.140	96	119839	50.54	ug/l	97
22) Diisopropyl ether	3.823	45	349093	50.33	ug/l	97
23) Vinyl Acetate	3.782	43	1448733	244.25	ug/l	99
24) 1,1-Dichloroethane	3.670	63	209373	51.25	ug/l	99
25) 2-Butanone	4.629	43	353136	221.45	ug/l	97
26) 2,2-Dichloropropane	4.552	77	153741	41.44	ug/l	98
27) cis-1,2-Dichloroethene	4.564	96	139838	51.19	ug/l	97
28) Bromochloromethane	4.982	49	86428	49.45	ug/l	99
29) Tetrahydrofuran	5.088	42	233557	228.18	ug/l	98
30) Chloroform	5.176	83	215778	52.43	ug/l	100
31) Cyclohexane	5.552	56	185685	50.34	ug/l	99
32) 1,1,1-Trichloroethane	5.464	97	182395	50.88	ug/l	99
36) 1,1-Dichloropropene	5.770	75	163779	50.79	ug/l	99
37) Ethyl Acetate	4.788	43	142436	46.44	ug/l	100
38) Carbon Tetrachloride	5.758	117	152856	48.93	ug/l	97
39) Methylcyclohexane	7.441	83	196636	48.64	ug/l	97
40) Benzene	6.111	78	494467	51.17	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	80224	46.50	ug/l	99
42) 1,2-Dichloroethane	6.158	62	169382	52.71	ug/l	98
43) Isopropyl Acetate	6.411	43	242346	46.45	ug/l	100
44) Trichloroethene	7.188	130	131637	51.81	ug/l	99
45) 1,2-Dichloropropane	7.488	63	124736	51.50	ug/l	99
46) Dibromomethane	7.635	93	84869	52.03	ug/l	98
47) Bromodichloromethane	7.876	83	177319	52.20	ug/l	97
48) Methyl methacrylate	7.741	41	125334	47.88	ug/l	99
49) 1,4-Dioxane	7.723	88	53172	870.30	ug/l	97
51) 4-Methyl-2-Pentanone	8.618	43	697167	229.48	ug/l	99
52) Toluene	8.765	92	316041	52.51	ug/l	99
53) t-1,3-Dichloropropene	9.024	75	187823	49.31	ug/l	96
54) cis-1,3-Dichloropropene	8.412	75	209782	50.27	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	127205	53.49	ug/l	97
56) Ethyl methacrylate	9.159	69	187085	48.60	ug/l	99
57) 1,3-Dichloropropane	9.353	76	213082	52.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	466021	247.56	ug/l	98
59) 2-Hexanone	9.471	43	501237	219.90	ug/l	99
60) Dibromochloromethane	9.565	129	136404	54.35	ug/l	100
61) 1,2-Dibromoethane	9.653	107	129777	52.05	ug/l	100
64) Tetrachloroethene	9.318	164	121230	55.70	ug/l	90
65) Chlorobenzene	10.118	112	324888	51.17	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.206	131	118598	50.63	ug/l	97
67) Ethyl Benzene	10.235	91	592072	51.42	ug/l	99
68) m/p-Xylenes	10.341	106	444171	104.83	ug/l	97
69) o-Xylene	10.683	106	213056	51.52	ug/l	96
70) Styrene	10.694	104	366513	51.66	ug/l	98
71) Bromoform	10.841	173	89964	49.70	ug/l #	98
73) Isopropylbenzene	11.000	105	563338	53.27	ug/l	99
74) N-amyl acetate	10.883	43	195371	45.62	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	164534	48.26	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	158336m	54.97	ug/l	
77) Bromobenzene	11.236	156	132576	53.87	ug/l	98
78) n-propylbenzene	11.341	91	632232	52.42	ug/l	100
79) 2-Chlorotoluene	11.406	91	365430	50.01	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	462679	52.57	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	53808	41.36	ug/l	96
82) 4-Chlorotoluene	11.494	91	426441	50.63	ug/l	98
83) tert-Butylbenzene	11.753	119	426789	49.85	ug/l	96
84) 1,2,4-Trimethylbenzene	11.789	105	460230	51.52	ug/l	99
85) sec-Butylbenzene	11.930	105	517939	51.34	ug/l	100
86) p-Isopropyltoluene	12.047	119	475797	51.45	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	221526	50.29	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	238364	53.11	ug/l	99
89) n-Butylbenzene	12.371	91	408271	49.46	ug/l	99
90) Hexachloroethane	12.577	117	84979	48.14	ug/l	95
91) 1,2-Dichlorobenzene	12.377	146	223710	52.02	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	36335	46.54	ug/l	93
93) 1,2,4-Trichlorobenzene	13.630	180	148932	53.99	ug/l	98
94) Hexachlorobutadiene	13.765	225	50641	45.84	ug/l	96
95) Naphthalene	13.818	128	519611	52.92	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	155983	56.95	ug/l	95

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

