

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
 Data File : VX021145.D
 Acq On : 11 Mar 2021 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/12/2021 2:04:35 PM

Quant Time: Mar 12 02:16:07 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	221806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	367233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	342343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	163222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	135461	45.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.42%			
35) Dibromofluoromethane	5.464	113	112254	50.31	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.62%			
50) Toluene-d8	8.694	98	436221	50.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.28%			
62) 4-Bromofluorobenzene	11.118	95	163427	50.80	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.60%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	101518	42.33	ug/l	97
3) Chloromethane	1.311	50	121152	45.46	ug/l	100
4) Vinyl Chloride	1.393	62	140786	45.89	ug/l	99
5) Bromomethane	1.623	94	50200	48.86	ug/l	97
6) Chloroethane	1.705	64	92531	48.21	ug/l	100
7) Trichlorofluoromethane	1.911	101	181772	46.93	ug/l	95
8) Diethyl Ether	2.170	74	84785	47.18	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.364	101	112283	47.06	ug/l	98
10) Methyl Iodide	2.487	142	145233	45.31	ug/l	97
11) Tert butyl alcohol	3.017	59	121676	182.37	ug/l	98
12) 1,1-Dichloroethene	2.352	96	110764	44.61	ug/l	98
13) Acrolein	2.270	56	92751	224.51	ug/l	99
14) Allyl chloride	2.705	41	177020	43.64	ug/l	98
15) Acrylonitrile	3.111	53	318587	223.79	ug/l	99
16) Acetone	2.417	43	291174	235.86	ug/l	97
17) Carbon Disulfide	2.546	76	293903	41.55	ug/l	100
18) Methyl Acetate	2.746	43	132779	45.47	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	402956	45.44	ug/l	99
20) Methylene Chloride	2.834	84	134255	45.33	ug/l	98
21) trans-1,2-Dichloroethene	3.140	96	123382	44.25	ug/l	96
22) Diisopropyl ether	3.823	45	376573	46.16	ug/l	93
23) Vinyl Acetate	3.782	43	1556717	223.17	ug/l	99
24) 1,1-Dichloroethane	3.664	63	227839	47.42	ug/l	99
25) 2-Butanone	4.629	43	427127	227.76	ug/l	100
26) 2,2-Dichloropropane	4.546	77	188942	43.30	ug/l	100
27) cis-1,2-Dichloroethene	4.558	96	148106	46.10	ug/l	98
28) Bromochloromethane	4.976	49	97033	47.21	ug/l	100
29) Tetrahydrofuran	5.082	42	258040	214.37	ug/l	100
30) Chloroform	5.170	83	230068	47.53	ug/l	99
31) Cyclohexane	5.547	56	194984	44.95	ug/l	96
32) 1,1,1-Trichloroethane	5.458	97	192622	45.69	ug/l	98
36) 1,1-Dichloropropene	5.764	75	174329	49.94	ug/l	99
37) Ethyl Acetate	4.788	43	156413	47.10	ug/l	99
38) Carbon Tetrachloride	5.752	117	163511	48.35	ug/l	96
39) Methylcyclohexane	7.435	83	215509	49.24	ug/l	98
40) Benzene	6.105	78	520254	49.73	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	88101	47.17	ug/l	98
42) 1,2-Dichloroethane	6.152	62	181316	52.12	ug/l	99
43) Isopropyl Acetate	6.405	43	263316	46.62	ug/l	100
44) Trichloroethene	7.182	130	146431	53.23	ug/l	93
45) 1,2-Dichloropropane	7.488	63	135253	51.58	ug/l	99
46) Dibromomethane	7.635	93	91004	51.54	ug/l	98
47) Bromodichloromethane	7.870	83	189633	51.57	ug/l	95
48) Methyl methacrylate	7.741	41	137156	48.40	ug/l	100
49) 1,4-Dioxane	7.712	88	60624	916.58	ug/l	98
51) 4-Methyl-2-Pentanone	8.618	43	807172	245.42	ug/l	100
52) Toluene	8.765	92	342566	52.58	ug/l	97
53) t-1,3-Dichloropropene	9.018	75	211603	51.31	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	231530	51.25	ug/l	97
55) 1,1,2-Trichloroethane	9.194	97	138076	53.63	ug/l	99
56) Ethyl methacrylate	9.159	69	206987	49.67	ug/l	100
57) 1,3-Dichloropropane	9.353	76	237222	53.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	537739	263.86	ug/l	98
59) 2-Hexanone	9.471	43	603647	244.63	ug/l	100
60) Dibromochloromethane	9.565	129	150573	55.42	ug/l	100
61) 1,2-Dibromoethane	9.653	107	144091	53.38	ug/l	98
64) Tetrachloroethene	9.318	164	148623	60.15	ug/l	95
65) Chlorobenzene	10.118	112	366815	50.89	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.200	131	136090	51.18	ug/l	98
67) Ethyl Benzene	10.235	91	659136	50.42	ug/l	99
68) m/p-Xylenes	10.341	106	500703	104.10	ug/l	97
69) o-Xylene	10.682	106	241817	51.51	ug/l	93
70) Styrene	10.694	104	410850	51.01	ug/l	99
71) Bromoform	10.841	173	109519	53.30	ug/l #	100
73) Isopropylbenzene	11.000	105	643519	49.92	ug/l	99
74) N-amyl acetate	10.883	43	226079	43.30	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	188146	45.27	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	166076m	47.30	ug/l	
77) Bromobenzene	11.236	156	155250	51.75	ug/l	97
78) n-propylbenzene	11.341	91	731063	49.73	ug/l	99
79) 2-Chlorotoluene	11.406	91	432648	48.57	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	537469	50.10	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	68306	43.07	ug/l	95
82) 4-Chlorotoluene	11.494	91	505786	49.26	ug/l	99
83) tert-Butylbenzene	11.753	119	499877	47.90	ug/l	96
84) 1,2,4-Trimethylbenzene	11.789	105	544250	49.98	ug/l	100
85) sec-Butylbenzene	11.930	105	626458	50.94	ug/l	100
86) p-Isopropyltoluene	12.047	119	568295	50.42	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	280556	52.25	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	278344	50.88	ug/l	99
89) n-Butylbenzene	12.371	91	501528	49.84	ug/l	99
90) Hexachloroethane	12.577	117	98403	45.73	ug/l	93
91) 1,2-Dichlorobenzene	12.377	146	266988	50.93	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	41676	43.79	ug/l	95
93) 1,2,4-Trichlorobenzene	13.624	180	170991	50.85	ug/l	98
94) Hexachlorobutadiene	13.765	225	66480	49.36	ug/l	98
95) Naphthalene	13.818	128	567686	47.43	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	175737	52.63	ug/l	98

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

