

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030721\
 Data File : VX021047.D
 Acq On : 05 Mar 2021 19:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/8/2021 10:47:51 AM

Quant Time: Mar 06 00:02:41 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	213313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	365191	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	340689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	166807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	135920	47.17	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.34%
35) Dibromofluoromethane	5.464	113	112034	50.49	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.98%
50) Toluene-d8	8.694	98	440148	50.88	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.76%
62) 4-Bromofluorobenzene	11.118	95	166664	52.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	99545	43.16	ug/l	100
3) Chloromethane	1.311	50	128536	50.16	ug/l	100
4) Vinyl Chloride	1.393	62	143346	48.59	ug/l	100
5) Bromomethane	1.622	94	50813	51.79	ug/l	100
6) Chloroethane	1.705	64	93448	50.62	ug/l	99
7) Trichlorofluoromethane	1.917	101	177153	47.56	ug/l	96
8) Diethyl Ether	2.170	74	83178	48.13	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.370	101	104210	45.42	ug/l	99
10) Methyl Iodide	2.493	142	148867	48.29	ug/l	98
11) Tert butyl alcohol	3.011	59	125754	195.99	ug/l	99
12) 1,1-Dichloroethene	2.358	96	111678	46.77	ug/l	99
13) Acrolein	2.270	56	97417	245.19	ug/l	99
14) Allyl chloride	2.705	41	179879	46.11	ug/l	98
15) Acrylonitrile	3.111	53	332944	243.19	ug/l	100
16) Acetone	2.417	43	252756	212.89	ug/l	97
17) Carbon Disulfide	2.552	76	303380	44.60	ug/l	99
18) Methyl Acetate	2.746	43	134094	47.75	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	405285	47.52	ug/l	98
20) Methylene Chloride	2.834	84	132513	46.53	ug/l	98
21) trans-1,2-Dichloroethene	3.140	96	124401	46.39	ug/l	96
22) Diisopropyl ether	3.823	45	379899	48.43	ug/l	96
23) Vinyl Acetate	3.782	43	1593359	237.52	ug/l	99
24) 1,1-Dichloroethane	3.670	63	225502	48.80	ug/l	99
25) 2-Butanone	4.629	43	413236	229.12	ug/l	97
26) 2,2-Dichloropropane	4.546	77	177403	42.28	ug/l	100
27) cis-1,2-Dichloroethene	4.558	96	147279	47.67	ug/l	99
28) Bromochloromethane	4.982	49	95895	48.52	ug/l	100
29) Tetrahydrofuran	5.082	42	267860	231.38	ug/l	99
30) Chloroform	5.176	83	226354	48.63	ug/l	99
31) Cyclohexane	5.546	56	194388	46.60	ug/l	100
32) 1,1,1-Trichloroethane	5.464	97	191234	47.17	ug/l	99
36) 1,1-Dichloropropene	5.770	75	172555	49.71	ug/l	99
37) Ethyl Acetate	4.788	43	162446	49.19	ug/l	100
38) Carbon Tetrachloride	5.752	117	160258	47.65	ug/l	99
39) Methylcyclohexane	7.441	83	201973	46.41	ug/l	98
40) Benzene	6.111	78	521407	50.12	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	92725	49.92	ug/l	100
42) 1,2-Dichloroethane	6.158	62	179070	51.77	ug/l	99
43) Isopropyl Acetate	6.411	43	272798	48.57	ug/l	99
44) Trichloroethene	7.182	130	144736	52.91	ug/l	95
45) 1,2-Dichloropropane	7.488	63	136362	52.30	ug/l	96
46) Dibromomethane	7.635	93	89032	50.70	ug/l	99
47) Bromodichloromethane	7.870	83	186758	51.07	ug/l	97
48) Methyl methacrylate	7.747	41	142113	50.43	ug/l	98
49) 1,4-Dioxane	7.711	88	56223	854.79	ug/l	97
51) 4-Methyl-2-Pentanone	8.617	43	837021	255.92	ug/l	100
52) Toluene	8.765	92	341044	52.63	ug/l	97
53) t-1,3-Dichloropropene	9.023	75	206242	50.29	ug/l	97
54) cis-1,3-Dichloropropene	8.412	75	228592	50.88	ug/l	96
55) 1,1,2-Trichloroethane	9.194	97	135619	52.97	ug/l	99
56) Ethyl methacrylate	9.159	69	212304	51.23	ug/l	99
57) 1,3-Dichloropropane	9.353	76	232877	53.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	536187	264.57	ug/l	100
59) 2-Hexanone	9.470	43	621212	253.16	ug/l	99
60) Dibromochloromethane	9.565	129	146855	54.35	ug/l	99
61) 1,2-Dibromoethane	9.653	107	142801	53.20	ug/l	99
64) Tetrachloroethene	9.318	164	132530	53.90	ug/l	99
65) Chlorobenzene	10.118	112	362660	50.56	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	130252	49.22	ug/l	97
67) Ethyl Benzene	10.235	91	643808	49.49	ug/l	98
68) m/p-Xylenes	10.341	106	491057	102.59	ug/l	98
69) o-Xylene	10.682	106	238078	50.96	ug/l	96
70) Styrene	10.694	104	412532	51.47	ug/l	98
71) Bromoform	10.841	173	107803	52.72	ug/l	98
73) Isopropylbenzene	11.000	105	630640	47.87	ug/l	100
74) N-amyl acetate	10.882	43	239354	44.86	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	196082	46.17	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	167747m	46.75	ug/l	
77) Bromobenzene	11.235	156	159145	51.91	ug/l	96
78) n-propylbenzene	11.341	91	719473	47.88	ug/l	99
79) 2-Chlorotoluene	11.406	91	426425	46.84	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	522136	47.62	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	68427	42.22	ug/l	95
82) 4-Chlorotoluene	11.494	91	495143	47.18	ug/l	99
83) tert-Butylbenzene	11.753	119	492367	46.16	ug/l	97
84) 1,2,4-Trimethylbenzene	11.788	105	527569	47.41	ug/l	99
85) sec-Butylbenzene	11.930	105	599268	47.68	ug/l	99
86) p-Isopropyltoluene	12.047	119	554374	48.12	ug/l	99
87) 1,3-Dichlorobenzene	12.012	146	283296	51.62	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	270082	48.31	ug/l	98
89) n-Butylbenzene	12.371	91	478452	46.52	ug/l	100
90) Hexachloroethane	12.577	117	97562	44.36	ug/l	92
91) 1,2-Dichlorobenzene	12.377	146	265170	49.50	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	43033	44.25	ug/l	98
93) 1,2,4-Trichlorobenzene	13.630	180	167398	48.71	ug/l	99
94) Hexachlorobutadiene	13.765	225	64047	46.54	ug/l	96
95) Naphthalene	13.818	128	593949	48.56	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	167531	49.10	ug/l	99

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

