

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021078.D
 Acq On : 08 Mar 2021 22:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/9/2021 3:04:25 PM

Quant Time: Mar 09 01:11:44 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	5.635	168	216502	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	367220	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	332720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	162495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	137327	46.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.92%		
35) Dibromofluoromethane	5.464	113	113239	50.75	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.50%		
50) Toluene-d8	8.694	98	441537	50.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.50%		
62) 4-Bromofluorobenzene	11.118	95	162070	50.38	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.76%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	104749	44.75	ug/l	99
3) Chloromethane	1.311	50	127625	49.07	ug/l	100
4) Vinyl Chloride	1.393	62	145023	48.43	ug/l	99
5) Bromomethane	1.622	94	51689	51.93	ug/l	100
6) Chloroethane	1.705	64	94004	50.17	ug/l	99
7) Trichlorofluoromethane	1.911	101	187768	49.67	ug/l	98
8) Diethyl Ether	2.170	74	85365	48.67	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.364	101	110956	47.65	ug/l	98
10) Methyl Iodide	2.487	142	150286	48.03	ug/l	98
11) Tert butyl alcohol	3.017	59	123877	190.22	ug/l	98
12) 1,1-Dichloroethene	2.358	96	113195	46.71	ug/l	95
13) Acrolein	2.270	56	92159	228.54	ug/l	100
14) Allyl chloride	2.705	41	178831	45.16	ug/l	98
15) Acrylonitrile	3.117	53	321167	231.13	ug/l	99
16) Acetone	2.417	43	249237	206.84	ug/l	98
17) Carbon Disulfide	2.552	76	306503	44.39	ug/l	100
18) Methyl Acetate	2.746	43	131402	46.10	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	410184	47.39	ug/l	99
20) Methylene Chloride	2.834	84	136931	47.37	ug/l	99
21) trans-1,2-Dichloroethene	3.140	96	127721	46.93	ug/l	99
22) Diisopropyl ether	3.823	45	383721	48.19	ug/l	96
23) Vinyl Acetate	3.782	43	1582562	232.43	ug/l	99
24) 1,1-Dichloroethane	3.670	63	231982	49.47	ug/l	100
25) 2-Butanone	4.629	43	402609	219.94	ug/l	99
26) 2,2-Dichloropropane	4.546	77	176595	41.47	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	150453	47.98	ug/l	98
28) Bromochloromethane	4.982	49	99065	49.38	ug/l	98
29) Tetrahydrofuran	5.082	42	263116	223.94	ug/l	99
30) Chloroform	5.176	83	233175	49.35	ug/l	100
31) Cyclohexane	5.546	56	196340	46.37	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	198064	48.13	ug/l	99
36) 1,1-Dichloropropene	5.770	75	176547	50.58	ug/l	100
37) Ethyl Acetate	4.788	43	159821	48.13	ug/l	98
38) Carbon Tetrachloride	5.758	117	169505	50.12	ug/l	97
39) Methylcyclohexane	7.441	83	210298	48.05	ug/l	99
40) Benzene	6.111	78	536212	51.25	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	90929	48.69	ug/l	99
42) 1,2-Dichloroethane	6.158	62	185761	53.40	ug/l	99
43) Isopropyl Acetate	6.411	43	266647	47.21	ug/l	99
44) Trichloroethene	7.182	130	145446	52.88	ug/l	98
45) 1,2-Dichloropropane	7.488	63	138990	53.01	ug/l	98
46) Dibromomethane	7.635	93	92182	52.21	ug/l	99
47) Bromodichloromethane	7.876	83	195694	53.22	ug/l	100
48) Methyl methacrylate	7.747	41	139955	49.39	ug/l	99
49) 1,4-Dioxane	7.711	88	60275	911.34	ug/l	99
51) 4-Methyl-2-Pentanone	8.617	43	811436	246.73	ug/l	100
52) Toluene	8.765	92	349746	53.68	ug/l	98
53) t-1,3-Dichloropropene	9.023	75	210695	51.09	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	230185	50.95	ug/l	99
55) 1,1,2-Trichloroethane	9.194	97	141092	54.80	ug/l	98
56) Ethyl methacrylate	9.159	69	207778	49.86	ug/l	100
57) 1,3-Dichloropropane	9.353	76	240355	54.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	531441	260.78	ug/l	97
59) 2-Hexanone	9.471	43	591047	239.53	ug/l	100
60) Dibromochloromethane	9.565	129	154921	57.02	ug/l	99
61) 1,2-Dibromoethane	9.653	107	146340	54.22	ug/l	98
64) Tetrachloroethene	9.318	164	143155	59.61	ug/l	96
65) Chlorobenzene	10.118	112	372803	53.22	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	134172	51.92	ug/l	97
67) Ethyl Benzene	10.235	91	669209	52.67	ug/l	98
68) m/p-Xylenes	10.341	106	500965	107.16	ug/l	98
69) o-Xylene	10.682	106	237648	52.08	ug/l	98
70) Styrene	10.694	104	415862	53.13	ug/l	98
71) Bromoform	10.841	173	107249	53.71	ug/l #	100
73) Isopropylbenzene	11.000	105	632054	49.25	ug/l	99
74) N-amyl acetate	10.882	43	226006	43.48	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	189443	45.79	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	164530m	47.07	ug/l	
77) Bromobenzene	11.241	156	157868	52.86	ug/l	96
78) n-propylbenzene	11.341	91	720325	49.21	ug/l	99
79) 2-Chlorotoluene	11.406	91	429349	48.41	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	524334	49.09	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	64808	41.05	ug/l	97
82) 4-Chlorotoluene	11.494	91	487485	47.69	ug/l	100
83) tert-Butylbenzene	11.753	119	499658	48.09	ug/l	97
84) 1,2,4-Trimethylbenzene	11.788	105	528022	48.71	ug/l	98
85) sec-Butylbenzene	11.930	105	600052	49.01	ug/l	99
86) p-Isopropyltoluene	12.047	119	559305	49.84	ug/l	98
87) 1,3-Dichlorobenzene	12.012	146	277132	51.84	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	270773	49.71	ug/l	99
89) n-Butylbenzene	12.371	91	457766	45.69	ug/l	98
90) Hexachloroethane	12.577	117	96561	45.07	ug/l	97
91) 1,2-Dichlorobenzene	12.377	146	266228	51.01	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	41469	43.77	ug/l	96
93) 1,2,4-Trichlorobenzene	13.630	180	164833	49.24	ug/l	96
94) Hexachlorobutadiene	13.765	225	60975	45.48	ug/l	97
95) Naphthalene	13.818	128	573515	48.13	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	170108	51.18	ug/l	100

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

