

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
 Data File : VX021170.D
 Acq On : 11 Mar 2021 20:41
 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
 3/12/2021 2:04:42 PM

Quant Time: Mar 12 02:25:14 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	200423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	343024	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	320787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	156168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	130431	48.18	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.36%
35) Dibromofluoromethane	5.458	113	107044	51.36	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.72%
50) Toluene-d8	8.694	98	418625	51.51	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.02%
62) 4-Bromofluorobenzene	11.118	95	157231	52.33	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.66%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	93049	42.94	ug/l	97
3) Chloromethane	1.311	50	112359	46.66	ug/l	100
4) Vinyl Chloride	1.393	62	131117	47.30	ug/l	100
5) Bromomethane	1.622	94	46615	50.41	ug/l	98
6) Chloroethane	1.705	64	85811	49.48	ug/l	99
7) Trichlorofluoromethane	1.911	101	174522	49.87	ug/l	95
8) Diethyl Ether	2.170	74	80762	49.74	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.364	101	103087	47.82	ug/l	98
10) Methyl Iodide	2.487	142	135612	46.82	ug/l	98
11) Tert butyl alcohol	3.017	59	119047	197.47	ug/l	98
12) 1,1-Dichloroethene	2.352	96	106030	47.26	ug/l	99
13) Acrolein	2.270	56	86565	231.89	ug/l	99
14) Allyl chloride	2.705	41	165154	45.06	ug/l	99
15) Acrylonitrile	3.111	53	310761	241.58	ug/l	99
16) Acetone	2.417	43	243987	218.72	ug/l	98
17) Carbon Disulfide	2.552	76	270183	42.27	ug/l	99
18) Methyl Acetate	2.746	43	133825	50.72	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	387537	48.36	ug/l	99
20) Methylene Chloride	2.834	84	126666	47.33	ug/l	99
21) trans-1,2-Dichloroethene	3.140	96	117411	46.60	ug/l	99
22) Diisopropyl ether	3.823	45	357823	48.55	ug/l	98
23) Vinyl Acetate	3.782	43	1481484	235.04	ug/l	100
24) 1,1-Dichloroethane	3.670	63	215406	49.62	ug/l	100
25) 2-Butanone	4.629	43	391212	230.86	ug/l	98
26) 2,2-Dichloropropane	4.552	77	156568	39.71	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	139718	48.13	ug/l	98
28) Bromochloromethane	4.982	49	91516	49.28	ug/l	98
29) Tetrahydrofuran	5.088	42	252782	232.40	ug/l	99
30) Chloroform	5.176	83	218149	49.88	ug/l	100
31) Cyclohexane	5.546	56	179488	45.79	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	184492	48.43	ug/l	99
36) 1,1-Dichloropropene	5.770	75	163576	50.17	ug/l	99
37) Ethyl Acetate	4.793	43	150489	48.52	ug/l	100
38) Carbon Tetrachloride	5.752	117	153578	48.62	ug/l	96
39) Methylcyclohexane	7.441	83	196587	48.09	ug/l	99
40) Benzene	6.111	78	495020	50.65	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	87276	50.03	ug/l	100
42) 1,2-Dichloroethane	6.158	62	175921	54.14	ug/l	100
43) Isopropyl Acetate	6.411	43	252907	47.94	ug/l	100
44) Trichloroethene	7.188	130	138278	53.82	ug/l	99
45) 1,2-Dichloropropane	7.488	63	128655	52.53	ug/l	100
46) Dibromomethane	7.635	93	86492	52.44	ug/l	99
47) Bromodichloromethane	7.876	83	179676	52.31	ug/l	99
48) Methyl methacrylate	7.741	41	133457	50.42	ug/l	100
49) 1,4-Dioxane	7.717	88	61176	990.20	ug/l	98
51) 4-Methyl-2-Pentanone	8.617	43	802686	261.29	ug/l	100
52) Toluene	8.765	92	324149	53.26	ug/l	97
53) t-1,3-Dichloropropene	9.023	75	194825	50.58	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	214538	50.84	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	129274	53.75	ug/l	98
56) Ethyl methacrylate	9.159	69	200005	51.38	ug/l	99
57) 1,3-Dichloropropane	9.353	76	223332	54.14	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	513941	269.99	ug/l	98
59) 2-Hexanone	9.471	43	597627	259.28	ug/l	99
60) Dibromochloromethane	9.565	129	137742	54.27	ug/l	97
61) 1,2-Dibromoethane	9.653	107	137166	54.41	ug/l	99
64) Tetrachloroethene	9.318	164	134668	58.17	ug/l	97
65) Chlorobenzene	10.118	112	348374	51.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	126756	50.87	ug/l	99
67) Ethyl Benzene	10.235	91	615086	50.21	ug/l	97
68) m/p-Xylenes	10.341	106	466472	103.50	ug/l	98
69) o-Xylene	10.682	106	228516	51.95	ug/l	95
70) Styrene	10.694	104	395668	52.43	ug/l	98
71) Bromoform	10.841	173	101851	52.90	ug/l #	97
73) Isopropylbenzene	11.000	105	606519	49.18	ug/l	99
74) N-amyl acetate	10.882	43	224071	44.86	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.253	83	187980	47.27	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	163880m	48.78	ug/l	
77) Bromobenzene	11.235	156	149367	52.03	ug/l	98
78) n-propylbenzene	11.341	91	692222	49.21	ug/l	99
79) 2-Chlorotoluene	11.406	91	413362	48.50	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	505246	49.22	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.059	75	62075	40.91	ug/l	97
82) 4-Chlorotoluene	11.494	91	486517	49.52	ug/l	100
83) tert-Butylbenzene	11.753	119	472453	47.31	ug/l	94
84) 1,2,4-Trimethylbenzene	11.788	105	514065	49.34	ug/l	99
85) sec-Butylbenzene	11.930	105	594931	50.56	ug/l	100
86) p-Isopropyltoluene	12.047	119	545328	50.56	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	270595	52.67	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	273947	52.34	ug/l	99
89) n-Butylbenzene	12.371	91	471951	49.02	ug/l	99
90) Hexachloroethane	12.577	117	92312	44.83	ug/l	96
91) 1,2-Dichlorobenzene	12.377	146	264658	52.77	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	41671	45.77	ug/l	97
93) 1,2,4-Trichlorobenzene	13.630	180	172965	53.76	ug/l	97
94) Hexachlorobutadiene	13.765	225	68949	53.51	ug/l	92
95) Naphthalene	13.818	128	571426	49.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	163938	51.32	ug/l	96

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

