

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031021\
 Data File : VX021127.D
 Acq On : 10 Mar 2021 11:31
 Operator : JC/MD
 Sample : VX0310WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2021 3:35:08 PM

Quant Time: Mar 11 02:09:12 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	5.623	168	214479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	356896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	327682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	152956	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	136229	47.02	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.04%			
35) Dibromofluoromethane	5.458	113	113537	52.36	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.72%			
50) Toluene-d8	8.694	98	442722	52.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.72%			
62) 4-Bromofluorobenzene	11.118	95	161328	51.60	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	38631	16.66	ug/l	97
3) Chloromethane	1.311	50	46599	18.08	ug/l	98
4) Vinyl Chloride	1.393	62	53129	17.91	ug/l	99
5) Bromomethane	1.623	94	33114	31.10	ug/l	95
6) Chloroethane	1.711	64	34978	18.85	ug/l	100
7) Trichlorofluoromethane	1.917	101	69183	18.47	ug/l	97
8) Diethyl Ether	2.170	74	32165	18.51	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.364	101	42023	18.22	ug/l	98
10) Methyl Iodide	2.493	142	53458	17.25	ug/l	97
11) Tert butyl alcohol	3.005	59	47101	73.01	ug/l	99
12) 1,1-Dichloroethene	2.358	96	41948	17.47	ug/l	96
13) Acrolein	2.270	56	32007	80.12	ug/l	99
14) Allyl chloride	2.705	41	67026	17.09	ug/l	99
15) Acrylonitrile	3.111	53	117641	85.46	ug/l	98
16) Acetone	2.417	43	104299	87.37	ug/l	99
17) Carbon Disulfide	2.552	76	113595	16.61	ug/l	99
18) Methyl Acetate	2.746	43	48856	17.30	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	149877	17.48	ug/l	99
20) Methylene Chloride	2.835	84	51084	17.84	ug/l	98
21) trans-1,2-Dichloroethene	3.141	96	47305	17.54	ug/l	99
22) Diisopropyl ether	3.817	45	139527	17.69	ug/l	97
23) Vinyl Acetate	3.782	43	569724	84.47	ug/l	99
24) 1,1-Dichloroethane	3.670	63	85284	18.36	ug/l	99
25) 2-Butanone	4.629	43	152441	84.06	ug/l	99
26) 2,2-Dichloropropane	4.547	77	70791	16.78	ug/l	99
27) cis-1,2-Dichloroethene	4.558	96	55379	17.83	ug/l	99
28) Bromochloromethane	4.976	49	36227	18.23	ug/l	99
29) Tetrahydrofuran	5.082	42	94429	81.13	ug/l	99
30) Chloroform	5.170	83	88031	18.81	ug/l	98
31) Cyclohexane	5.547	56	72647	17.32	ug/l	98
32) 1,1,1-Trichloroethane	5.453	97	73149	17.94	ug/l	98
36) 1,1-Dichloropropene	5.764	75	65571	19.33	ug/l	98
37) Ethyl Acetate	4.782	43	56690	17.57	ug/l	100
38) Carbon Tetrachloride	5.747	117	61624	18.75	ug/l	94
39) Methylcyclohexane	7.435	83	80092	18.83	ug/l	98
40) Benzene	6.111	78	196599	19.34	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.994	41	33462	18.43	ug/l	99
42) 1,2-Dichloroethane	6.153	62	69422	20.54	ug/l	99
43) Isopropyl Acetate	6.406	43	95248	17.35	ug/l	100
44) Trichloroethene	7.182	130	53064	19.85	ug/l	97
45) 1,2-Dichloropropane	7.488	63	50721	19.90	ug/l	96
46) Dibromomethane	7.635	93	33566	19.56	ug/l	99
47) Bromodichloromethane	7.871	83	69980	19.58	ug/l	98
48) Methyl methacrylate	7.741	41	50033	18.17	ug/l	99
49) 1,4-Dioxane	7.712	88	22899	356.24	ug/l	98
51) 4-Methyl-2-Pentanone	8.618	43	290705	90.95	ug/l	99
52) Toluene	8.765	92	128564	20.30	ug/l	98
53) t-1,3-Dichloropropene	9.018	75	75557	18.85	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	84840	19.32	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	51859	20.73	ug/l	96
56) Ethyl methacrylate	9.159	69	74668	18.44	ug/l	100
57) 1,3-Dichloropropane	9.347	76	86965	20.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	190404	96.14	ug/l	100
59) 2-Hexanone	9.471	43	219743	91.63	ug/l	100
60) Dibromochloromethane	9.565	129	56315	21.33	ug/l	98
61) 1,2-Dibromoethane	9.653	107	52659	20.07	ug/l	100
64) Tetrachloroethene	9.312	164	53684	22.70	ug/l	95
65) Chlorobenzene	10.118	112	138416	20.06	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.200	131	49143	19.31	ug/l	98
67) Ethyl Benzene	10.236	91	242735	19.40	ug/l	98
68) m/p-Xylenes	10.341	106	183772	39.92	ug/l	97
69) o-Xylene	10.683	106	88326	19.66	ug/l	95
70) Styrene	10.694	104	150401	19.51	ug/l	98
71) Bromoform	10.842	173	37773	19.21	ug/l #	100
73) Isopropylbenzene	11.000	105	239132	19.80	ug/l	100
74) N-amyl acetate	10.877	43	81095	16.58	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	70393	18.07	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	62120m	18.88	ug/l	
77) Bromobenzene	11.236	156	56838	20.22	ug/l	97
78) n-propylbenzene	11.342	91	269846	19.59	ug/l	99
79) 2-Chlorotoluene	11.400	91	157299	18.84	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	190363	18.93	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.059	75	22825	15.36	ug/l	99
82) 4-Chlorotoluene	11.495	91	185596	19.29	ug/l	99
83) tert-Butylbenzene	11.753	119	185169	18.93	ug/l	97
84) 1,2,4-Trimethylbenzene	11.789	105	196120	19.22	ug/l	99
85) sec-Butylbenzene	11.930	105	227640	19.75	ug/l	98
86) p-Isopropyltoluene	12.048	119	203254	19.24	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	104310	20.73	ug/l	97
88) 1,4-Dichlorobenzene	12.077	146	100174	19.54	ug/l	99
89) n-Butylbenzene	12.371	91	174066	18.46	ug/l	99
90) Hexachloroethane	12.577	117	35867	17.79	ug/l	93
91) 1,2-Dichlorobenzene	12.377	146	96208	19.59	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	14187	15.91	ug/l	98
93) 1,2,4-Trichlorobenzene	13.630	180	61200	19.42	ug/l	98
94) Hexachlorobutadiene	13.765	225	23449	18.58	ug/l	98
95) Naphthalene	13.818	128	188072	16.77	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	56843	18.17	ug/l	98

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

