

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
 Data File : VX021148.D
 Acq On : 11 Mar 2021 11:50
 Operator : JC/MD
 Sample : VX0311WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/12/2021 2:04:37 PM

Quant Time: Mar 12 02:17:22 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	213415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	355244	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	327900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	161374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	131147	45.49	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.98%			
35) Dibromofluoromethane	5.464	113	109165	50.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.16%			
50) Toluene-d8	8.694	98	425408	50.55	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.10%			
62) 4-Bromofluorobenzene	11.118	95	159496	51.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.50%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	36072	15.63	ug/l	98
3) Chloromethane	1.311	50	43468	16.95	ug/l	97
4) Vinyl Chloride	1.393	62	50201	17.01	ug/l	99
5) Bromomethane	1.623	94	29673	27.30	ug/l	96
6) Chloroethane	1.711	64	33315	18.04	ug/l	96
7) Trichlorofluoromethane	1.917	101	68065	18.27	ug/l	97
8) Diethyl Ether	2.164	74	30529	17.66	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.364	101	41058	17.89	ug/l	97
10) Methyl Iodide	2.487	142	51312	16.64	ug/l	96
11) Tert butyl alcohol	3.005	59	45565	70.98	ug/l	98
12) 1,1-Dichloroethene	2.352	96	40634	17.01	ug/l	100
13) Acrolein	2.270	56	30384	76.44	ug/l	100
14) Allyl chloride	2.705	41	63537	16.28	ug/l	98
15) Acrylonitrile	3.111	53	113866	83.13	ug/l	99
16) Acetone	2.417	43	93208	78.47	ug/l	100
17) Carbon Disulfide	2.552	76	105505	15.50	ug/l	100
18) Methyl Acetate	2.746	43	48212	17.16	ug/l	98
19) Methyl tert-butyl Ether	3.164	73	145222	17.02	ug/l	98
20) Methylene Chloride	2.834	84	49014	17.20	ug/l	98
21) trans-1,2-Dichloroethene	3.140	96	46093	17.18	ug/l	95
22) Diisopropyl ether	3.823	45	136399	17.38	ug/l	95
23) Vinyl Acetate	3.782	43	548737	81.76	ug/l	98
24) 1,1-Dichloroethane	3.670	63	82891	17.93	ug/l	99
25) 2-Butanone	4.629	43	143337	79.44	ug/l	97
26) 2,2-Dichloropropane	4.546	77	65921	15.70	ug/l	99
27) cis-1,2-Dichloroethene	4.558	96	54002	17.47	ug/l	99
28) Bromochloromethane	4.976	49	35497	17.95	ug/l	99
29) Tetrahydrofuran	5.088	42	92972	80.27	ug/l	99
30) Chloroform	5.170	83	85358	18.33	ug/l	98
31) Cyclohexane	5.547	56	68961	16.52	ug/l	95
32) 1,1,1-Trichloroethane	5.464	97	71324	17.58	ug/l	99
36) 1,1-Dichloropropene	5.764	75	63711	18.87	ug/l	100
37) Ethyl Acetate	4.788	43	56005	17.43	ug/l	100
38) Carbon Tetrachloride	5.752	117	60612	18.53	ug/l	100
39) Methylcyclohexane	7.441	83	77105	18.21	ug/l	95
40) Benzene	6.111	78	187629	18.54	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	32568	18.03	ug/l	99
42) 1,2-Dichloroethane	6.158	62	66647	19.81	ug/l	99
43) Isopropyl Acetate	6.406	43	93235	17.06	ug/l	100
44) Trichloroethene	7.182	130	53099	19.95	ug/l	96
45) 1,2-Dichloropropane	7.488	63	49782	19.63	ug/l	96
46) Dibromomethane	7.635	93	32751	19.17	ug/l	99
47) Bromodichloromethane	7.870	83	69251	19.47	ug/l	97
48) Methyl methacrylate	7.741	41	48333	17.63	ug/l	99
49) 1,4-Dioxane	7.712	88	23987	374.90	ug/l	97
51) 4-Methyl-2-Pentanone	8.618	43	285934	89.87	ug/l	100
52) Toluene	8.765	92	123652	19.62	ug/l	98
53) t-1,3-Dichloropropene	9.018	75	71842	18.01	ug/l	97
54) cis-1,3-Dichloropropene	8.412	75	81227	18.59	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	50801	20.40	ug/l	97
56) Ethyl methacrylate	9.159	69	70895	17.58	ug/l	98
57) 1,3-Dichloropropane	9.353	76	85068	19.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	183352	93.01	ug/l	99
59) 2-Hexanone	9.471	43	215265	90.18	ug/l	100
60) Dibromochloromethane	9.565	129	53795	20.47	ug/l	99
61) 1,2-Dibromoethane	9.653	107	51362	19.67	ug/l	97
64) Tetrachloroethene	9.318	164	52936	22.37	ug/l	96
65) Chlorobenzene	10.118	112	135698	19.66	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	46883	18.41	ug/l	97
67) Ethyl Benzene	10.235	91	235836	18.84	ug/l	97
68) m/p-Xylenes	10.341	106	180997	39.29	ug/l	94
69) o-Xylene	10.683	106	87551	19.47	ug/l	99
70) Styrene	10.694	104	148272	19.22	ug/l	98
71) Bromoform	10.841	173	37621	19.12	ug/l #	99
73) Isopropylbenzene	11.000	105	233686	18.34	ug/l	100
74) N-amyl acetate	10.883	43	80079	15.51	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	71091	17.30	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	62461m	17.99	ug/l	
77) Bromobenzene	11.236	156	56330	18.99	ug/l	99
78) n-propylbenzene	11.341	91	264422	18.19	ug/l	100
79) 2-Chlorotoluene	11.406	91	158036	17.94	ug/l	100
80) 1,3,5-Trimethylbenzene	11.489	105	192261	18.13	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	22196	14.16	ug/l	97
82) 4-Chlorotoluene	11.494	91	182812	18.01	ug/l	99
83) tert-Butylbenzene	11.753	119	181904	17.63	ug/l	97
84) 1,2,4-Trimethylbenzene	11.789	105	195271	18.14	ug/l	97
85) sec-Butylbenzene	11.930	105	225082	18.51	ug/l	99
86) p-Isopropyltoluene	12.047	119	201288	18.06	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	102046	19.22	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	103213	19.08	ug/l	100
89) n-Butylbenzene	12.371	91	171745	17.26	ug/l	100
90) Hexachloroethane	12.577	117	34915	16.41	ug/l	94
91) 1,2-Dichlorobenzene	12.377	146	98753	19.05	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	14531	15.44	ug/l	96
93) 1,2,4-Trichlorobenzene	13.630	180	59233	17.82	ug/l	99
94) Hexachlorobutadiene	13.765	225	23592	17.72	ug/l	98
95) Naphthalene	13.818	128	194890	16.47	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	57905	17.54	ug/l	99

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

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