

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021784.D
 Acq On : 21 Apr 2021 12:01
 Operator : JC/MD
 Sample : VX0421WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/22/2021 12:11:35 PM

Quant Time: Apr 22 08:55:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	188087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	309549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	281931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	137672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	105989	49.67	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.34%		
35) Dibromofluoromethane	5.458	113	96248	48.62	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.24%		
50) Toluene-d8	8.695	98	362972	47.69	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.38%		
62) 4-Bromofluorobenzene	11.116	95	134235	47.22	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.44%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	33355	18.43	ug/l	100
3) Chloromethane	1.313	50	41901	17.81	ug/l	97
4) Vinyl Chloride	1.392	62	39007	18.05	ug/l	99
5) Bromomethane	1.630	94	20476	21.67	ug/l	97
6) Chloroethane	1.715	64	24739	18.15	ug/l	100
7) Trichlorofluoromethane	1.916	101	56307	19.45	ug/l	97
8) Diethyl Ether	2.166	74	22430	18.79	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	32450	18.69	ug/l	95
10) Methyl Iodide	2.489	142	23803	22.91	ug/l	100
11) Tert butyl alcohol	3.007	59	41029	87.81	ug/l	95
12) 1,1-Dichloroethene	2.355	96	33784	19.45	ug/l	93
13) Acrolein	2.270	56	34979	92.55	ug/l	98
14) Allyl chloride	2.703	41	51117	18.31	ug/l	97
15) Acrylonitrile	3.111	53	86898	91.90	ug/l	99
16) Acetone	2.416	43	67201	91.61	ug/l	99
17) Carbon Disulfide	2.550	76	88902	17.96	ug/l	99
18) Methyl Acetate	2.745	43	36666	18.42	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	112098	18.73	ug/l	100
20) Methylene Chloride	2.831	84	38015	17.29	ug/l	94
21) trans-1,2-Dichloroethene	3.142	96	36763	18.44	ug/l	93
22) Diisopropyl ether	3.824	45	104658	18.69	ug/l	93
23) Vinyl Acetate	3.782	43	448168	92.47	ug/l	99
24) 1,1-Dichloroethane	3.666	63	61470	18.50	ug/l	98
25) 2-Butanone	4.629	43	115386	92.89	ug/l	98
26) 2,2-Dichloropropane	4.550	77	55548	17.28	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	41999	18.54	ug/l	95
28) Bromochloromethane	4.977	49	26175	18.98	ug/l	88
29) Tetrahydrofuran	5.086	42	73638	91.11	ug/l	99
30) Chloroform	5.172	83	65340	18.16	ug/l	97
31) Cyclohexane	5.544	56	55224	18.40	ug/l	93
32) 1,1,1-Trichloroethane	5.458	97	60590	18.95	ug/l	95
36) 1,1-Dichloropropene	5.763	75	48922	17.90	ug/l	98
37) Ethyl Acetate	4.788	43	45999	17.91	ug/l	100
38) Carbon Tetrachloride	5.751	117	53172	17.77	ug/l	98
39) Methylcyclohexane	7.433	83	62305	17.60	ug/l	96
40) Benzene	6.111	78	147406	18.08	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	25446	17.61	ug/l	97
42) 1,2-Dichloroethane	6.153	62	48459	18.32	ug/l	97
43) Isopropyl Acetate	6.409	43	78778	17.51	ug/l	99
44) Trichloroethene	7.184	130	42536	17.88	ug/l	91
45) 1,2-Dichloropropane	7.482	63	37678	17.61	ug/l	97
46) Dibromomethane	7.635	93	27184	18.13	ug/l	99
47) Bromodichloromethane	7.872	83	54777	17.91	ug/l	99
48) Methyl methacrylate	7.738	41	38754	17.70	ug/l	98
49) 1,4-Dioxane	7.708	88	19373	376.21	ug/l	94
51) 4-Methyl-2-Pentanone	8.616	43	232664	90.34	ug/l	99
52) Toluene	8.762	92	96394	18.23	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	59975	17.46	ug/l	98
54) cis-1,3-Dichloropropene	8.409	75	64530	17.78	ug/l	96
55) 1,1,2-Trichloroethane	9.195	97	39705	18.29	ug/l	98
56) Ethyl methacrylate	9.153	69	58068	17.67	ug/l	99
57) 1,3-Dichloropropane	9.348	76	63361	18.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	148538	92.45	ug/l	97
59) 2-Hexanone	9.470	43	173144	89.69	ug/l	97
60) Dibromochloromethane	9.561	129	46545	17.66	ug/l	99
61) 1,2-Dibromoethane	9.653	107	42401	17.97	ug/l	99
64) Tetrachloroethene	9.317	164	38232	17.34	ug/l	96
65) Chlorobenzene	10.116	112	104533	17.96	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.201	131	40373	17.93	ug/l	97
67) Ethyl Benzene	10.232	91	183050	18.17	ug/l	99
68) m/p-Xylenes	10.341	106	141512	36.30	ug/l	97
69) o-Xylene	10.677	106	67277	17.90	ug/l	99
70) Styrene	10.695	104	113708	17.84	ug/l	97
71) Bromoform	10.841	173	34346	16.84	ug/l #	99
73) Isopropylbenzene	11.000	105	183907	19.04	ug/l	100
74) N-amyl acetate	10.878	43	67648	18.22	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	56004	19.07	ug/l	99
76) 1,2,3-Trichloropropane	11.274	75	53834m	19.72	ug/l	
77) Bromobenzene	11.238	156	45321	17.78	ug/l	93
78) n-propylbenzene	11.341	91	201017	18.82	ug/l	98
79) 2-Chlorotoluene	11.402	91	119332	18.98	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	151827	18.56	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.055	75	20498	17.27	ug/l	90
82) 4-Chlorotoluene	11.494	91	137840	18.91	ug/l	98
83) tert-Butylbenzene	11.750	119	152712	18.70	ug/l	98
84) 1,2,4-Trimethylbenzene	11.786	105	151700	18.36	ug/l	98
85) sec-Butylbenzene	11.927	105	173911	18.57	ug/l	99
86) p-Isopropyltoluene	12.048	119	162919	18.32	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	80238	18.23	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	81783	18.37	ug/l	99
89) n-Butylbenzene	12.372	91	135711	18.08	ug/l	98
90) Hexachloroethane	12.579	117	29647	18.28	ug/l	99
91) 1,2-Dichlorobenzene	12.372	146	78507	18.46	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	11809	17.97	ug/l	91
93) 1,2,4-Trichlorobenzene	13.627	180	51416	16.77	ug/l	99
94) Hexachlorobutadiene	13.762	225	23400	15.52	ug/l	98
95) Naphthalene	13.816	128	169867	18.30	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	51695	17.57	ug/l	98

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

