

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021803.D
 Acq On : 21 Apr 2021 19:14
 Operator : JC/MD
 Sample : M2114-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-XMS

Manual Integrations
 APPROVED

MMDadoda
 4/22/2021 12:11:59 PM

Quant Time: Apr 22 09:01:47 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	5.629	168	171092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	295065	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	272960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	130169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	104930	54.06	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.12%			
35) Dibromofluoromethane	5.464	113	94063	49.85	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.70%			
50) Toluene-d8	8.696	98	346283	47.73	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.46%			
62) 4-Bromofluorobenzene	11.122	95	128723	47.51	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.02%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	78157	47.47	ug/l	100
3) Chloromethane	1.313	50	115872	53.52	ug/l	99
4) Vinyl Chloride	1.392	62	103131	52.45	ug/l	98
5) Bromomethane	1.624	94	43692	50.84	ug/l	100
6) Chloroethane	1.709	64	64310	51.87	ug/l	99
7) Trichlorofluoromethane	1.910	101	138165	52.46	ug/l	99
8) Diethyl Ether	2.166	74	60659	55.88	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.361	101	73705	46.67	ug/l	97
10) Methyl Iodide	2.489	142	57174	47.12	ug/l	99
11) Tert butyl alcohol	3.020	59	107327	252.52	ug/l	98
12) 1,1-Dichloroethene	2.355	96	84332	53.39	ug/l	93
13) Acrolein	2.270	56	89305	259.75	ug/l	99
14) Allyl chloride	2.703	41	133924	52.74	ug/l	97
15) Acrylonitrile	3.117	53	250854	291.64	ug/l	100
16) Acetone	2.422	43	191486	286.96	ug/l	99
17) Carbon Disulfide	2.550	76	225858	50.16	ug/l	100
18) Methyl Acetate	2.751	43	97839	54.03	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	302735	55.59	ug/l	99
20) Methylene Chloride	2.837	84	101490	50.73	ug/l	95
21) trans-1,2-Dichloroethene	3.142	96	95262	52.52	ug/l	94
22) Diisopropyl ether	3.824	45	274753	53.94	ug/l	97
23) Vinyl Acetate	3.782	43	1123743	254.89	ug/l	99
24) 1,1-Dichloroethane	3.672	63	165069	54.61	ug/l	100
25) 2-Butanone	4.635	43	326386	288.86	ug/l	100
26) 2,2-Dichloropropane	4.550	77	124932	42.74	ug/l	96
27) cis-1,2-Dichloroethene	4.562	96	112501	54.59	ug/l	92
28) Bromochloromethane	4.983	49	64102	51.10	ug/l	87
29) Tetrahydrofuran	5.093	42	213444	290.33	ug/l	99
30) Chloroform	5.172	83	173776	53.09	ug/l	99
31) Cyclohexane	5.550	56	128426	47.05	ug/l	97
32) 1,1,1-Trichloroethane	5.464	97	155108	53.32	ug/l	97
36) 1,1-Dichloropropene	5.769	75	123858	47.55	ug/l	98
37) Ethyl Acetate	4.794	43	120017	49.02	ug/l	99
38) Carbon Tetrachloride	5.751	117	135552	47.53	ug/l	95
39) Methylcyclohexane	7.440	83	134119	39.75	ug/l	96
40) Benzene	6.111	78	389904	50.18	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	70430	51.12	ug/l	98
42) 1,2-Dichloroethane	6.159	62	129885	51.51	ug/l	97
43) Isopropyl Acetate	6.409	43	208663	48.66	ug/l	100
44) Trichloroethene	7.184	130	110158	48.59	ug/l	96
45) 1,2-Dichloropropane	7.488	63	100671	49.38	ug/l	98
46) Dibromomethane	7.635	93	72955	51.04	ug/l	99
47) Bromodichloromethane	7.873	83	146462	50.25	ug/l	100
48) Methyl methacrylate	7.744	41	108480	51.97	ug/l	99
49) 1,4-Dioxane	7.714	88	45791	932.88	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	655052	266.83	ug/l	98
52) Toluene	8.763	92	249058	49.41	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	156549	47.81	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	169017	48.86	ug/l	96
55) 1,1,2-Trichloroethane	9.195	97	105485	50.96	ug/l	99
56) Ethyl methacrylate	9.159	69	158118	50.46	ug/l	98
57) 1,3-Dichloropropane	9.354	76	170297	51.25	ug/l	100
59) 2-Hexanone	9.470	43	492971	267.90	ug/l	98
60) Dibromochloromethane	9.561	129	125226	49.84	ug/l	100
61) 1,2-Dibromoethane	9.653	107	114203	50.76	ug/l	99
64) Tetrachloroethene	9.317	164	96127	45.04	ug/l	96
65) Chlorobenzene	10.122	112	275322	48.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	108318	49.69	ug/l	98
67) Ethyl Benzene	10.232	91	475085	48.70	ug/l	99
68) m/p-Xylenes	10.342	106	356212	94.38	ug/l	98
69) o-Xylene	10.683	106	175244	48.16	ug/l	98
70) Styrene	10.695	104	300271	48.65	ug/l	97
71) Bromoform	10.842	173	93660	47.44	ug/l #	99
73) Isopropylbenzene	11.000	105	460116	50.38	ug/l	99
74) N-amyl acetate	10.878	43	174228	49.64	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	155728	56.08	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	147246m	57.04	ug/l	
77) Bromobenzene	11.238	156	119605	49.63	ug/l	93
78) n-propylbenzene	11.341	91	503867	49.88	ug/l	98
79) 2-Chlorotoluene	11.402	91	310928	52.31	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	386074	49.91	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.055	75	54681	48.71	ug/l	88
82) 4-Chlorotoluene	11.494	91	353107	51.24	ug/l	98
83) tert-Butylbenzene	11.750	119	384996	49.85	ug/l	99
84) 1,2,4-Trimethylbenzene	11.793	105	388866	49.78	ug/l	98
85) sec-Butylbenzene	11.927	105	430005	48.57	ug/l	99
86) p-Isopropyltoluene	12.049	119	405598	48.24	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	203930	48.99	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	205131	48.73	ug/l	100
89) n-Butylbenzene	12.372	91	335627	47.30	ug/l	98
90) Hexachloroethane	12.579	117	76608	49.96	ug/l	96
91) 1,2-Dichlorobenzene	12.372	146	202768	50.43	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.981	75	33337	53.66	ug/l	94
93) 1,2,4-Trichlorobenzene	13.628	180	129726	44.75	ug/l	99
94) Hexachlorobutadiene	13.762	225	49388	34.64	ug/l	99
95) Naphthalene	13.817	128	454893	51.84	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	129658	46.60	ug/l	99

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

