

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030221\
 Data File : VX020959.D
 Acq On : 02 Mar 2021 00:56
 Operator : JC/MD
 Sample : M1522-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW6-GW-718-720MSD

Manual Integrations
 APPROVED

MMDadoda
 3/2/2021 3:29:01 PM

Quant Time: Mar 02 01:44:20 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	177169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	313580	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	283299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	123626	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	117476	49.09	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.18%
35) Dibromofluoromethane	5.464	113	96394	50.59	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.18%
50) Toluene-d8	8.694	98	376599	50.69	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.38%
62) 4-Bromofluorobenzene	11.118	95	132996	48.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.84%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.187	85	92316	48.19	ug/l 97
3) Chloromethane	1.311	50	108447	50.95	ug/l 98
4) Vinyl Chloride	1.393	62	121477	49.57	ug/l 99
5) Bromomethane	1.629	94	50349	63.15	ug/l 95
6) Chloroethane	1.711	64	78677	51.32	ug/l 99
7) Trichlorofluoromethane	1.917	101	156311	50.53	ug/l 96
8) Diethyl Ether	2.170	74	72451	50.48	ug/l 98
9) 1,1,2-Trichlorotrifluo...	2.370	101	95503	50.11	ug/l 99
10) Methyl Iodide	2.493	142	136714	53.39	ug/l 97
11) Tert butyl alcohol	3.011	59	111553	209.33	ug/l 99
12) 1,1-Dichloroethene	2.358	96	99871	50.36	ug/l 97
13) Acrolein	2.270	56	84420	255.83	ug/l 98
14) Allyl chloride	2.705	41	150943	46.58	ug/l 98
15) Acrylonitrile	3.111	53	271009	238.33	ug/l 99
16) Acetone	2.417	43	211460	214.45	ug/l 98
17) Carbon Disulfide	2.552	76	280241	49.60	ug/l 100
18) Methyl Acetate	2.746	43	101608	43.56	ug/l 98
19) Methyl tert-butyl Ether	3.164	73	347133	49.01	ug/l 99
20) Methylene Chloride	2.835	84	116322	49.17	ug/l 96
21) trans-1,2-Dichloroethene	3.140	96	111408	50.02	ug/l 97
22) Diisopropyl ether	3.823	45	317618	48.75	ug/l 95
23) Vinyl Acetate	3.782	43	1267032	227.40	ug/l 99
24) 1,1-Dichloroethane	3.670	63	192227	50.09	ug/l 99
25) 2-Butanone	4.629	43	338771	226.15	ug/l 98
26) 2,2-Dichloropropane	4.552	77	146484	42.03	ug/l 99
27) cis-1,2-Dichloroethene	4.564	96	129018	50.28	ug/l 95
28) Bromochloromethane	4.982	49	79155	48.22	ug/l 95
29) Tetrahydrofuran	5.088	42	219613	228.41	ug/l 97
30) Chloroform	5.176	83	200883	51.96	ug/l 97
31) Cyclohexane	5.547	56	165336	47.72	ug/l 96
32) 1,1,1-Trichloroethane	5.458	97	171073	50.80	ug/l 99
36) 1,1-Dichloropropene	5.770	75	150030	50.33	ug/l 99
37) Ethyl Acetate	4.788	43	126969	44.78	ug/l 99
38) Carbon Tetrachloride	5.758	117	144807	50.14	ug/l 98
39) Methylcyclohexane	7.441	83	178175	47.68	ug/l 96
40) Benzene	6.111	78	459112	51.39	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	76184	47.77	ug/l	98
42) 1,2-Dichloroethane	6.159	62	155107	52.22	ug/l	99
43) Isopropyl Acetate	6.412	43	222431	46.12	ug/l	100
44) Trichloroethene	7.188	130	139028	59.19	ug/l	95
45) 1,2-Dichloropropane	7.488	63	114206	51.01	ug/l	97
46) Dibromomethane	7.635	93	79227	52.55	ug/l	98
47) Bromodichloromethane	7.876	83	166147	52.91	ug/l	98
48) Methyl methacrylate	7.741	41	117456	48.54	ug/l	99
49) 1,4-Dioxane	7.723	88	52502	929.60	ug/l	97
51) 4-Methyl-2-Pentanone	8.618	43	668639	238.09	ug/l	100
52) Toluene	8.765	92	294228	52.88	ug/l	100
53) t-1,3-Dichloropropene	9.024	75	175433	49.82	ug/l	97
54) cis-1,3-Dichloropropene	8.412	75	194532	50.43	ug/l	97
55) 1,1,2-Trichloroethane	9.194	97	119196	54.22	ug/l	95
56) Ethyl methacrylate	9.159	69	177838	49.97	ug/l	98
57) 1,3-Dichloropropane	9.353	76	197412	52.35	ug/l	100
59) 2-Hexanone	9.471	43	490696	232.88	ug/l	100
60) Dibromochloromethane	9.565	129	127735	55.06	ug/l	100
61) 1,2-Dibromoethane	9.653	107	123489	53.58	ug/l	97
64) Tetrachloroethene	9.318	164	113465	55.49	ug/l	95
65) Chlorobenzene	10.118	112	305062	51.15	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	113135	51.41	ug/l	98
67) Ethyl Benzene	10.236	91	556091	51.41	ug/l	99
68) m/p-Xylenes	10.341	106	413770	103.95	ug/l	97
69) o-Xylene	10.683	106	197904	50.94	ug/l	98
70) Styrene	10.694	104	325673	48.86	ug/l	99
71) Bromoform	10.841	173	84828	49.89	ug/l #	98
73) Isopropylbenzene	11.000	105	525550	53.83	ug/l	100
74) N-amyl acetate	10.883	43	177223	44.82	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	158238	50.27	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	131707m	49.52	ug/l	
77) Bromobenzene	11.236	156	123297	54.26	ug/l	99
78) n-propylbenzene	11.342	91	585623	52.59	ug/l	99
79) 2-Chlorotoluene	11.406	91	344725	51.09	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	415628	51.15	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	54403	45.29	ug/l	94
82) 4-Chlorotoluene	11.495	91	398141	51.19	ug/l	100
83) tert-Butylbenzene	11.753	119	405119	51.25	ug/l	96
84) 1,2,4-Trimethylbenzene	11.789	105	424437	51.46	ug/l	99
85) sec-Butylbenzene	11.930	105	489823	52.58	ug/l	99
86) p-Isopropyltoluene	12.048	119	422771	49.52	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	217001	53.36	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	216841	52.33	ug/l	98
89) n-Butylbenzene	12.371	91	377484	49.53	ug/l	99
90) Hexachloroethane	12.577	117	81304	49.88	ug/l	91
91) 1,2-Dichlorobenzene	12.377	146	209934	52.88	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	34500	47.87	ug/l	97
93) 1,2,4-Trichlorobenzene	13.630	180	132977	52.21	ug/l	96
94) Hexachlorobutadiene	13.765	225	46400	45.49	ug/l	97
95) Naphthalene	13.818	128	473162	52.19	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	137196	54.25	ug/l	98

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

