

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030221\
 Data File : VX020958.D
 Acq On : 02 Mar 2021 00:33
 Operator : JC/MD
 Sample : M1522-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 3/2/2021 3:29:00 PM

Quant Time: Mar 02 01:43:41 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	185614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	325253	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	276529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	131410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	119222	47.55	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.10%		
35) Dibromofluoromethane	5.464	113	97616	49.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.80%		
50) Toluene-d8	8.694	98	367405	47.68	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.36%		
62) 4-Bromofluorobenzene	11.118	95	131351	46.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.20%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	92241	45.96	ug/l	96
3) Chloromethane	1.311	50	108478	48.65	ug/l	100
4) Vinyl Chloride	1.393	62	125120	48.74	ug/l	98
5) Bromomethane	1.623	94	46427	54.74	ug/l	97
6) Chloroethane	1.705	64	81445	50.71	ug/l	100
7) Trichlorofluoromethane	1.917	101	170440	52.59	ug/l	97
8) Diethyl Ether	2.170	74	75171	49.99	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.364	101	99510	49.84	ug/l	99
10) Methyl Iodide	2.493	142	141990	52.93	ug/l	96
11) Tert butyl alcohol	3.011	59	116176	208.08	ug/l	99
12) 1,1-Dichloroethene	2.358	96	104945	50.51	ug/l	94
13) Acrolein	2.270	56	88386	255.66	ug/l	97
14) Allyl chloride	2.705	41	158608	46.72	ug/l	98
15) Acrylonitrile	3.111	53	284031	238.42	ug/l	99
16) Acetone	2.417	43	223084	215.94	ug/l	100
17) Carbon Disulfide	2.552	76	287154	48.51	ug/l	99
18) Methyl Acetate	2.746	43	107582	44.03	ug/l	98
19) Methyl tert-butyl Ether	3.164	73	365067	49.19	ug/l	98
20) Methylene Chloride	2.834	84	119984	48.41	ug/l	96
21) trans-1,2-Dichloroethene	3.140	96	117161	50.21	ug/l	95
22) Diisopropyl ether	3.823	45	335172	49.10	ug/l	95
23) Vinyl Acetate	3.782	43	1340324	229.61	ug/l	99
24) 1,1-Dichloroethane	3.670	63	202576	50.38	ug/l	99
25) 2-Butanone	4.629	43	355797	226.71	ug/l	97
26) 2,2-Dichloropropane	4.552	77	155167	42.50	ug/l	99
27) cis-1,2-Dichloroethene	4.558	96	135904	50.55	ug/l	95
28) Bromochloromethane	4.976	49	81834	47.58	ug/l	95
29) Tetrahydrofuran	5.082	42	230528	228.85	ug/l	98
30) Chloroform	5.176	83	210675	52.01	ug/l	99
31) Cyclohexane	5.547	56	173986	47.93	ug/l	98
32) 1,1,1-Trichloroethane	5.464	97	179808	50.97	ug/l	100
36) 1,1-Dichloropropene	5.770	75	154829	50.08	ug/l	99
37) Ethyl Acetate	4.788	43	134285	45.66	ug/l	100
38) Carbon Tetrachloride	5.758	117	154270	51.50	ug/l	94
39) Methylcyclohexane	7.441	83	185504	47.85	ug/l	96
40) Benzene	6.111	78	479284	51.72	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	79689	48.17	ug/l	99
42) 1,2-Dichloroethane	6.158	62	162230	52.66	ug/l	99
43) Isopropyl Acetate	6.406	43	232431	46.46	ug/l	99
44) Trichloroethene	7.188	130	145719	59.81	ug/l	98
45) 1,2-Dichloropropane	7.488	63	118453	51.01	ug/l	96
46) Dibromomethane	7.635	93	81143	51.89	ug/l	99
47) Bromodichloromethane	7.876	83	170733	52.42	ug/l	100
48) Methyl methacrylate	7.741	41	120272	47.92	ug/l	99
49) 1,4-Dioxane	7.712	88	53785	918.14	ug/l	97
51) 4-Methyl-2-Pentanone	8.618	43	692723	237.81	ug/l	100
52) Toluene	8.765	92	302294	52.38	ug/l	98
53) t-1,3-Dichloropropene	9.024	75	179338	49.10	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	197022	49.24	ug/l	99
55) 1,1,2-Trichloroethane	9.194	97	119952	52.60	ug/l	98
56) Ethyl methacrylate	9.159	69	179236	48.56	ug/l	99
57) 1,3-Dichloropropane	9.353	76	201126	51.42	ug/l	100
59) 2-Hexanone	9.471	43	508430	232.64	ug/l	100
60) Dibromochloromethane	9.565	129	123372	51.27	ug/l	96
61) 1,2-Dibromoethane	9.653	107	123689	51.74	ug/l	99
64) Tetrachloroethene	9.318	164	113964	57.10	ug/l	92
65) Chlorobenzene	10.118	112	307903	52.89	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	115947	53.98	ug/l	98
67) Ethyl Benzene	10.235	91	547514	51.85	ug/l	100
68) m/p-Xylenes	10.341	106	415481	106.94	ug/l	95
69) o-Xylene	10.683	106	200293	52.82	ug/l	98
70) Styrene	10.694	104	340875	52.40	ug/l	98
71) Bromoform	10.841	173	88825	53.52	ug/l #	100
73) Isopropylbenzene	11.000	105	529144	50.98	ug/l	99
74) N-amyl acetate	10.883	43	181763	43.24	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	159278	47.60	ug/l	97
76) 1,2,3-Trichloropropane	11.277	75	136158m	48.16	ug/l	
77) Bromobenzene	11.236	156	125402	51.92	ug/l	98
78) n-propylbenzene	11.341	91	597645	50.49	ug/l	98
79) 2-Chlorotoluene	11.406	91	351750	49.05	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	429638	49.74	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	54432	42.63	ug/l	97
82) 4-Chlorotoluene	11.494	91	404834	48.97	ug/l	100
83) tert-Butylbenzene	11.753	119	421396	50.15	ug/l	97
84) 1,2,4-Trimethylbenzene	11.789	105	428874	48.92	ug/l	100
85) sec-Butylbenzene	11.930	105	492188	49.71	ug/l	99
86) p-Isopropyltoluene	12.047	119	434728	47.90	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	220268	50.95	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	218958	49.71	ug/l	99
89) n-Butylbenzene	12.371	91	374522	46.23	ug/l	98
90) Hexachloroethane	12.577	117	82331	47.52	ug/l	89
91) 1,2-Dichlorobenzene	12.377	146	217908	51.63	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	35178	45.92	ug/l	97
93) 1,2,4-Trichlorobenzene	13.630	180	140887	52.04	ug/l	97
94) Hexachlorobutadiene	13.765	225	49886	46.01	ug/l	98
95) Naphthalene	13.818	128	469417	48.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.007	180	136899	50.93	ug/l	98

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

