

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021482.D
 Acq On : 25 Mar 2021 13:54
 Operator : JC/MD
 Sample : M1458-08 1.0 LOQ
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2021

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 1:14:03 PM

Quant Time: Mar 26 04:16:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 04:13:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	69572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	119693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	106283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	48948	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	58594	50.62	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.24%
35) Dibromofluoromethane	5.464	113	40082	47.14	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.28%
50) Toluene-d8	8.694	98	141811	46.81	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.62%
62) 4-Bromofluorobenzene	11.118	95	51501	43.72	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.44%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	678	0.89	ug/l	98
3) Chloromethane	1.311	50	2702	2.77	ug/l	99
4) Vinyl Chloride	1.393	62	813	1.04	ug/l	97
5) Bromomethane	1.623	94	573	1.82	ug/l #	76
6) Chloroethane	1.705	64	503	1.01	ug/l #	61
7) Trichlorofluoromethane	1.911	101	1273	1.00	ug/l #	83
8) Diethyl Ether	2.176	74	516	1.17	ug/l	59
9) 1,1,2-Trichlorotrifluo...	2.364	101	750	1.05	ug/l	93
10) Methyl Iodide	2.487	142	537	1.07	ug/l #	76
11) Tert butyl alcohol	3.011	59	1052	5.50	ug/l #	86
12) 1,1-Dichloroethene	2.358	96	630	0.90	ug/l #	83
13) Acrolein	2.276	56	633	5.94	ug/l #	78
14) Allyl chloride	2.699	41	1427	1.00	ug/l #	81
15) Acrylonitrile	3.123	53	2306	5.07	ug/l	97
16) Acetone	2.423	43	2526	5.77	ug/l	90
17) Carbon Disulfide	2.552	76	1795	0.91	ug/l	100
18) Methyl Acetate	2.758	43	1339	1.06	ug/l #	82
19) Methyl tert-butyl Ether	3.176	73	2355	0.90	ug/l	93
20) Methylene Chloride	2.834	84	1048	1.23	ug/l #	82
21) trans-1,2-Dichloroethene	3.140	96	789	1.02	ug/l	84
22) Diisopropyl ether	3.823	45	2568	0.93	ug/l #	91
23) Vinyl Acetate	3.788	43	9697	4.15	ug/l	96
24) 1,1-Dichloroethane	3.670	63	1432	0.96	ug/l #	81
25) 2-Butanone	4.646	43	3289	4.96	ug/l	92
26) 2,2-Dichloropropane	4.546	77	1101	0.85	ug/l	77
27) cis-1,2-Dichloroethene	4.564	96	864	0.97	ug/l	86
28) Bromochloromethane	4.988	49	891	1.19	ug/l #	68
29) Tetrahydrofuran	5.099	42	2166	5.04	ug/l #	83
30) Chloroform	5.182	83	1522	0.97	ug/l #	77
31) Cyclohexane	5.552	56	1154	0.91	ug/l	93
32) 1,1,1-Trichloroethane	5.464	97	1252	0.90	ug/l #	49
36) 1,1-Dichloropropene	5.764	75	1061	0.90	ug/l	86
37) Ethyl Acetate	4.805	43	1494	1.10	ug/l #	73
38) Carbon Tetrachloride	5.758	117	1149	0.91	ug/l	97
39) Methylcyclohexane	7.441	83	1078	0.83	ug/l	87
40) Benzene	6.117	78	3011	0.90	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.011	41	803	1.02	ug/l #	61
42) 1,2-Dichloroethane	6.164	62	1507	1.04	ug/l #	73
43) Isopropyl Acetate	6.417	43	2060	0.94	ug/l #	82
44) Trichloroethene	7.188	130	870	0.99	ug/l	87
45) 1,2-Dichloropropane	7.494	63	781	0.87	ug/l #	80
46) Dibromomethane	7.647	93	547	0.83	ug/l	86
47) Bromodichloromethane	7.876	83	1187	0.89	ug/l #	92
48) Methyl methacrylate	7.747	41	1030	0.88	ug/l #	76
49) 1,4-Dioxane	7.729	88	372	17.69	ug/l #	64
51) 4-Methyl-2-Pentanone	8.623	43	5824	4.30	ug/l	87
52) Toluene	8.765	92	1862	0.91	ug/l	97
53) t-1,3-Dichloropropene	9.029	75	1024	0.76	ug/l #	88
54) cis-1,3-Dichloropropene	8.418	75	1095	0.76	ug/l #	68
55) 1,1,2-Trichloroethane	9.200	97	715	0.82	ug/l	92
56) Ethyl methacrylate	9.159	69	1017	0.78	ug/l #	48
57) 1,3-Dichloropropane	9.353	76	1355	0.91	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.294	63	2919	3.98	ug/l	97
59) 2-Hexanone	9.471	43	4380	4.31	ug/l	83
60) Dibromochloromethane	9.565	129	791	0.81	ug/l	93
61) 1,2-Dibromoethane	9.653	107	802	0.86	ug/l	91
64) Tetrachloroethene	9.318	164	719	1.01	ug/l	87
65) Chlorobenzene	10.124	112	2010	0.94	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.212	131	741	0.91	ug/l #	64
67) Ethyl Benzene	10.235	91	3372	0.87	ug/l	94
68) m/p-Xylenes	10.341	106	2334	1.68	ug/l	95
69) o-Xylene	10.683	106	1102	0.82	ug/l	88
70) Styrene	10.700	104	1828	0.79	ug/l	92
71) Bromoform	10.841	173	486	0.73	ug/l #	87
73) Isopropylbenzene	11.000	105	2736	0.80	ug/l	97
74) N-amyl acetate	10.877	43	1452	0.87	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.253	83	1201	0.99	ug/l	96
76) 1,2,3-Trichloropropane	11.283	75	1112m	0.98	ug/l	
77) Bromobenzene	11.241	156	790	0.93	ug/l	93
78) n-propylbenzene	11.341	91	3438	0.85	ug/l	97
79) 2-Chlorotoluene	11.406	91	2261	0.92	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	2597	0.88	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.053	75	259m	0.69	ug/l	
82) 4-Chlorotoluene	11.494	91	2536	0.87	ug/l	97
83) tert-Butylbenzene	11.753	119	2466	0.86	ug/l	93
84) 1,2,4-Trimethylbenzene	11.789	105	2400	0.81	ug/l	96
85) sec-Butylbenzene	11.930	105	2843	0.86	ug/l	96
86) p-Isopropyltoluene	12.047	119	2326	0.77	ug/l #	84
87) 1,3-Dichlorobenzene	12.006	146	1372	0.89	ug/l	94
88) 1,4-Dichlorobenzene	12.077	146	1469m	0.92	ug/l	
89) n-Butylbenzene	12.371	91	2135	0.78	ug/l	98
90) Hexachloroethane	12.577	117	419	0.77	ug/l	91
91) 1,2-Dichlorobenzene	12.377	146	1440	0.96	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.983	75	282	1.01	ug/l	62
93) 1,2,4-Trichlorobenzene	13.630	180	840	0.86	ug/l	96
94) Hexachlorobutadiene	13.765	225	375	0.85	ug/l	88
95) Naphthalene	13.818	128	2359	0.74	ug/l	97
96) 1,2,3-Trichlorobenzene	14.001	180	743	0.76	ug/l	95

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

