

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021478.D
 Acq On : 25 Mar 2021 12:30
 Operator : JC/MD
 Sample : M1458-09 .2PPB MDL
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2021

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 1:13:53 PM

Quant Time: Mar 26 04:18:20 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	70724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	122376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	47286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59999	50.99	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.98%
35) Dibromofluoromethane	5.464	113	41328	47.54	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.08%
50) Toluene-d8	8.694	98	141675	45.74	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.48%#
62) 4-Bromofluorobenzene	11.118	95	52795	43.84	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.68%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.181	85	158	0.20	ug/l #	42
3) Chloromethane	1.316	50	2001	2.02	ug/l	94
4) Vinyl Chloride	1.393	62	210	0.26	ug/l #	71
5) Bromomethane	1.622	94	271	0.85	ug/l #	37
6) Chloroethane	1.711	64	109	0.22	ug/l #	43
10) Methyl Iodide	2.487	142	235	0.46	ug/l #	42
11) Tert butyl alcohol	3.017	59	206	1.06	ug/l #	73
12) 1,1-Dichloroethene	2.352	96	178	0.25	ug/l #	65
13) Acrolein	2.275	56	170	1.57	ug/l #	1
14) Allyl chloride	2.717	41	446	0.31	ug/l #	73
15) Acrylonitrile	3.123	53	520	1.12	ug/l #	85
16) Acetone	2.422	43	827	1.86	ug/l #	86
17) Carbon Disulfide	2.546	76	813	0.41	ug/l #	75
18) Methyl Acetate	2.752	43	448	0.35	ug/l #	56
19) Methyl tert-butyl Ether	3.176	73	554	0.21	ug/l #	55
20) Methylene Chloride	2.846	84	438	0.50	ug/l #	76
21) trans-1,2-Dichloroethene	3.146	96	180	0.23	ug/l	90
23) Vinyl Acetate	3.787	43	2224	0.94	ug/l #	85
25) 2-Butanone	4.640	43	750	1.11	ug/l #	45
27) cis-1,2-Dichloroethene	4.552	96	204	0.22	ug/l	68
28) Bromochloromethane	4.982	49	189	0.25	ug/l #	9
29) Tetrahydrofuran	5.117	42	499	1.14	ug/l #	39
30) Chloroform	5.182	83	362	0.23	ug/l #	73
37) Ethyl Acetate	4.799	43	343m	0.25	ug/l	
40) Benzene	6.111	78	699	0.21	ug/l	94
42) 1,2-Dichloroethane	6.170	62	468	0.32	ug/l #	73
43) Isopropyl Acetate	6.417	43	465	0.21	ug/l #	57
44) Trichloroethene	7.200	130	213	0.24	ug/l	62
49) 1,4-Dioxane	7.717	88	66	3.07	ug/l #	45
51) 4-Methyl-2-Pentanone	8.623	43	1240	0.90	ug/l	88
53) t-1,3-Dichloropropene	9.029	75	288	0.21	ug/l	95
54) cis-1,3-Dichloropropene	8.417	75	297	0.20	ug/l #	31
58) 2-Chloroethyl Vinyl ether	8.288	63	1543	2.06	ug/l	92
59) 2-Hexanone	9.470	43	1050	1.01	ug/l	74
65) Chlorobenzene	10.118	112	478	0.22	ug/l	100
68) m/p-Xylenes	10.341	106	495	0.35	ug/l	77

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

69) o-Xylene	10.682	106	302	0.22	ug/l	69
74) N-amyl acetate	10.877	43	467	0.29	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	11.247	83	265	0.23	ug/l #	92
76) 1,2,3-Trichloropropane	11.271	75	254m	0.23	ug/l	
77) Bromobenzene	11.241	156	179	0.22	ug/l	73
78) n-propylbenzene	11.341	91	800	0.20	ug/l	98
79) 2-Chlorotoluene	11.406	91	580	0.24	ug/l	81
82) 4-Chlorotoluene	11.494	91	642	0.23	ug/l	87
83) tert-Butylbenzene	11.759	119	553	0.20	ug/l	91
86) p-Isopropyltoluene	12.047	119	612	0.21	ug/l #	74
87) 1,3-Dichlorobenzene	12.006	146	421	0.28	ug/l	94
88) 1,4-Dichlorobenzene	12.083	146	508m	0.33	ug/l	
89) n-Butylbenzene	12.371	91	642	0.24	ug/l	90
91) 1,2-Dichlorobenzene	12.377	146	355	0.25	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	12.983	75	61	0.23	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.624	180	322	0.34	ug/l	77
94) Hexachlorobutadiene	13.765	225	131	0.31	ug/l #	60
95) Naphthalene	13.818	128	764	0.25	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.000	180	289	0.31	ug/l	83

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

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