

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021543.D
 Acq On : 26 Mar 2021 21:14
 Operator : JC/MD
 Sample : M1458-09 .2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Quant Time: Mar 27 06:00:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 27 06:00:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	71383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	123371	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	108123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48288	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62594	52.70	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.40%
35) Dibromofluoromethane	5.464	113	44108	50.33	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.66%
50) Toluene-d8	8.694	98	145255	46.51	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.02%
62) 4-Bromofluorobenzene	11.118	95	52244	43.03	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.06%

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3/30/2021 7:15:31 PM

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	177	0.23	ug/l	95
3) Chloromethane	1.317	50	1049	1.05	ug/l	96
4) Vinyl Chloride	1.393	62	199	0.25	ug/l #	43
5) Bromomethane	1.628	94	163	0.50	ug/l	83
6) Chloroethane	1.717	64	109	0.21	ug/l #	43
7) Trichlorofluoromethane	1.911	101	280	0.21	ug/l	99
10) Methyl Iodide	2.487	142	200	0.39	ug/l #	85
11) Tert butyl alcohol	3.011	59	193	0.98	ug/l #	73
12) 1,1-Dichloroethene	2.346	96	147	0.20	ug/l #	51
13) Acrolein	2.281	56	161	1.47	ug/l #	21
14) Allyl chloride	2.705	41	428	0.29	ug/l #	69
15) Acrylonitrile	3.117	53	481	1.03	ug/l	94
16) Acetone	2.423	43	790	1.76	ug/l	97
17) Carbon Disulfide	2.552	76	908	0.45	ug/l #	93
18) Methyl Acetate	2.752	43	399	0.31	ug/l #	47
19) Methyl tert-butyl Ether	3.164	73	545	0.20	ug/l #	57
20) Methylene Chloride	2.834	84	368	0.42	ug/l #	86
21) trans-1,2-Dichloroethene	3.152	96	212	0.27	ug/l #	53
22) Diisopropyl ether	3.823	45	597	0.21	ug/l #	71
23) Vinyl Acetate	3.793	43	1961	0.82	ug/l #	89
25) 2-Butanone	4.640	43	730	1.07	ug/l #	45
27) cis-1,2-Dichloroethene	4.576	96	198	0.22	ug/l	61
29) Tetrahydrofuran	5.105	42	406m	0.92	ug/l	
30) Chloroform	5.182	83	346	0.21	ug/l #	74
36) 1,1-Dichloropropene	5.764	75	298	0.25	ug/l #	52
37) Ethyl Acetate	4.811	43	352	0.25	ug/l #	64
39) Methylcyclohexane	7.435	83	348	0.26	ug/l #	65
42) 1,2-Dichloroethane	6.170	62	418	0.28	ug/l #	73
44) Trichloroethene	7.182	130	243	0.27	ug/l	75
49) 1,4-Dioxane	7.717	88	58	2.68	ug/l #	62
51) 4-Methyl-2-Pentanone	8.623	43	1112	0.80	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.288	63	1550	2.05	ug/l	99
59) 2-Hexanone	9.470	43	948	0.90	ug/l	75
64) Tetrachloroethene	9.323	164	249	0.34	ug/l #	71
65) Chlorobenzene	10.118	112	455	0.21	ug/l #	73
68) m/p-Xylenes	10.341	106	590	0.42	ug/l	90

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76) 1,2,3-Trichloropropane	11.277	75	244m	0.22	ug/l	
77) Bromobenzene	11.235	156	191	0.23	ug/l	75
78) n-propylbenzene	11.341	91	957	0.24	ug/l	95
79) 2-Chlorotoluene	11.400	91	566	0.23	ug/l	90
80) 1,3,5-Trimethylbenzene	11.488	105	641	0.22	ug/l	90
82) 4-Chlorotoluene	11.494	91	768	0.27	ug/l	85
83) tert-Butylbenzene	11.753	119	594	0.21	ug/l	82
84) 1,2,4-Trimethylbenzene	11.788	105	627	0.21	ug/l	95
85) sec-Butylbenzene	11.930	105	696	0.21	ug/l	94
86) p-Isopropyltoluene	12.047	119	705	0.24	ug/l #	68
87) 1,3-Dichlorobenzene	12.006	146	454	0.30	ug/l	92
88) 1,4-Dichlorobenzene	12.083	146	499m	0.32	ug/l	
89) n-Butylbenzene	12.371	91	695	0.26	ug/l	97
91) 1,2-Dichlorobenzene	12.371	146	307	0.21	ug/l	79
93) 1,2,4-Trichlorobenzene	13.624	180	347	0.36	ug/l	94
94) Hexachlorobutadiene	13.765	225	152	0.35	ug/l #	65
95) Naphthalene	13.812	128	922	0.29	ug/l #	84
96) 1,2,3-Trichlorobenzene	14.001	180	339	0.35	ug/l #	85

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3/30/2021 7:15:31 PM

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

