

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019138.D
 Acq On : 27 Oct 2020 16:04
 Operator : JC/MD
 Sample : L4214-09 .2PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2020

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:32:58 PM

Quant Time: Oct 28 08:18:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	285553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	473763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199433	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	174683	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
35) Dibromofluoromethane	5.46	113	137349	46.15	ug/l	0.00
Spiked Amount			Recovery	=	92.30%	
50) Toluene-d8	8.70	98	528228	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	
62) 4-Bromofluorobenzene	11.12	95	192575	45.33	ug/l	0.00
Spiked Amount			Recovery	=	90.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	561	0.236	ug/l	83
3) Chloromethane	1.31	50	867	0.326	ug/l	91
4) Vinyl Chloride	1.39	62	863	0.280	ug/l	89
6) Chloroethane	1.71	64	497	0.252	ug/l #	73
7) Trichlorofluoromethane	1.92	101	1104	0.228	ug/l	88
8) Diethyl Ether	2.17	74	477	0.256	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.37	101	598	0.223	ug/l	96
12) 1,1-Dichloroethene	2.36	96	879	0.318	ug/l #	64
14) Allyl chloride	2.71	41	1208	0.288	ug/l	94
15) Acrylonitrile	3.12	53	1977	1.293	ug/l #	93
16) Acetone	2.43	43	2338	1.840	ug/l	94
17) Carbon Disulfide	2.55	76	4672	0.555	ug/l #	91
18) Methyl Acetate	2.75	43	735	0.238	ug/l #	72
19) Methyl tert-butyl Ether	3.16	73	1931	0.201	ug/l #	84
20) Methylene Chloride	2.83	84	1072	0.336	ug/l	89
21) trans-1,2-Dichloroethene	3.15	96	985	0.309	ug/l	86
22) Diisopropyl ether	3.82	45	1931	0.231	ug/l #	83
23) Vinyl Acetate	3.78	43	8412	1.129	ug/l	95
24) 1,1-Dichloroethane	3.67	63	1120	0.215	ug/l #	81
25) 2-Butanone	4.64	43	2632	1.315	ug/l #	84
26) 2,2-Dichloropropane	4.55	77	1094	0.223	ug/l	86
27) cis-1,2-Dichloroethene	4.56	96	997	0.280	ug/l	89
28) Bromochloromethane	4.98	49	679	0.286	ug/l #	83
29) Tetrahydrofuran	5.10	42	1802	1.428	ug/l #	81
30) Chloroform	5.17	83	1314	0.237	ug/l #	83
32) 1,1,1-Trichloroethane	5.45	97	1092	0.217	ug/l #	47
36) 1,1-Dichloropropene	5.77	75	1363	0.312	ug/l #	73
37) Ethyl Acetate	4.81	43	928	0.228	ug/l #	68
38) Carbon Tetrachloride	5.76	117	1156	0.259	ug/l #	61
39) Methylcyclohexane	7.43	83	1178	0.225	ug/l	94
40) Benzene	6.10	78	2943	0.237	ug/l	99
42) 1,2-Dichloroethane	6.15	62	1509	0.330	ug/l	86
43) Isopropyl Acetate	6.41	43	1745	0.257	ug/l #	78
44) Trichloroethene	7.18	130	1083	0.305	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,2-Dichloropropane	7.49	63	706	0.232	ug/l #	87
46) Dibromomethane	7.63	93	633	0.282	ug/l	95
47) Bromodichloromethane	7.87	83	899	0.203	ug/l #	96
48) Methyl methacrylate	7.75	41	918	0.280	ug/l #	84
49) 1,4-Dioxane	7.75	88	293	4.025	ug/l #	86
51) 4-Methyl-2-Pentanone	8.62	43	3979	1.018	ug/l	98
52) Toluene	8.77	92	2047	0.256	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	1240	0.245	ug/l #	75
54) cis-1,3-Dichloropropene	8.41	75	1339	0.252	ug/l #	91
55) 1,1,2-Trichloroethane	9.20	97	645	0.204	ug/l #	92
57) 1,3-Dichloropropane	9.35	76	1242	0.233	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	4897	1.837	ug/l	99
59) 2-Hexanone	9.47	43	3032	1.019	ug/l	93
60) Dibromochloromethane	9.56	129	701	0.205	ug/l	97
61) 1,2-Dibromoethane	9.65	107	896	0.265	ug/l	90
64) Tetrachloroethene	9.32	164	980	0.305	ug/l	87
65) Chlorobenzene	10.12	112	2239	0.260	ug/l	100
67) Ethyl Benzene	10.23	91	3676	0.239	ug/l	97
68) m/p-Xylenes	10.34	106	2533	0.439	ug/l	96
69) o-Xylene	10.68	106	1263	0.231	ug/l	90
70) Styrene	10.70	104	2202	0.236	ug/l	98
71) Bromoform	10.84	173	504	0.205	ug/l #	93
73) Isopropylbenzene	11.00	105	3018	0.214	ug/l	96
74) N-amyl acetate	10.88	43	1477	0.286	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.25	83	1036	0.235	ug/l #	81
76) 1,2,3-Trichloropropane	11.28	75	892m	0.217	ug/l	
77) Bromobenzene	11.24	156	992	0.283	ug/l	91
78) n-propylbenzene	11.34	91	4019	0.249	ug/l	97
79) 2-Chlorotoluene	11.40	91	2500	0.264	ug/l	93
80) 1,3,5-Trimethylbenzene	11.49	105	2692	0.226	ug/l	96
82) 4-Chlorotoluene	11.49	91	3507	0.303	ug/l	97
83) tert-Butylbenzene	11.76	119	2594	0.227	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2655	0.221	ug/l	93
85) sec-Butylbenzene	11.93	105	2950	0.215	ug/l	98
86) p-Isopropyltoluene	12.05	119	2958	0.234	ug/l #	74
87) 1,3-Dichlorobenzene	12.01	146	2053	0.315	ug/l	94
88) 1,4-Dichlorobenzene	12.08	146	2688m	0.396	ug/l	
89) n-Butylbenzene	12.37	91	2976	0.250	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1644	0.262	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	224	0.207	ug/l	84
93) 1,2,4-Trichlorobenzene	13.63	180	1596	0.339	ug/l	95
94) Hexachlorobutadiene	13.77	225	512	0.247	ug/l	84
95) Naphthalene	13.82	128	4112	0.277	ug/l	97
96) 1,2,3-Trichlorobenzene	14.00	180	1315	0.288	ug/l	97

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

