

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064262.D
 Acq On : 22 Oct 2020 20:04
 Operator : JC/MD
 Sample : L4214-07 .2PPB LOD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 3:37:30 PM

Quant Time: Oct 23 02:44:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 23 02:22:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	267607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	433361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	205518	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
35) Dibromofluoromethane	7.55	113	145900	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
50) Toluene-d8	10.06	98	509237	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.38	95	196399	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	715	0.231	ug/l	90
4) Vinyl Chloride	2.16	62	789	0.257	ug/l #	41
7) Trichlorofluoromethane	2.98	101	1023	0.203	ug/l	100
14) Allyl chloride	4.29	41	1251m	0.249	ug/l	
15) Acrylonitrile	4.95	53	787m	0.715	ug/l	
16) Acetone	3.79	43	2614m	2.299	ug/l	
17) Carbon Disulfide	4.01	76	3338m	0.467	ug/l	
18) Methyl Acetate	4.28	43	1286m	0.444	ug/l	
20) Methylene Chloride	4.51	84	1648m	0.544	ug/l	
22) Diisopropyl ether	5.90	45	2240m	0.240	ug/l	
23) Vinyl Acetate	5.85	43	6848m	0.823	ug/l	
24) 1,1-Dichloroethane	5.80	63	1317m	0.244	ug/l	
25) 2-Butanone	6.80	43	2574m	1.425	ug/l	
26) 2,2-Dichloropropane	6.78	77	1407m	0.261	ug/l	
29) Tetrahydrofuran	7.17	42	1517m	1.404	ug/l	
36) 1,1-Dichloropropene	7.75	75	1155	0.267	ug/l #	52
37) Ethyl Acetate	6.89	43	1102m	0.281	ug/l	
38) Carbon Tetrachloride	7.73	117	1010	0.205	ug/l #	75
40) Benzene	7.99	78	2677	0.224	ug/l #	80
41) Methacrylonitrile	7.13	41	658m	0.320	ug/l	
42) 1,2-Dichloroethane	8.08	62	1340	0.262	ug/l	85
46) Dibromomethane	9.18	93	619m	0.290	ug/l	
47) Bromodichloromethane	9.37	83	949	0.201	ug/l #	66
48) Methyl methacrylate	9.17	41	1075	0.281	ug/l	88
49) 1,4-Dioxane	9.16	88	33	0.739	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	3929	1.006	ug/l	97
52) Toluene	10.13	92	1754m	0.230	ug/l	
53) t-1,3-Dichloropropene	10.36	75	1213	0.231	ug/l #	54
54) cis-1,3-Dichloropropene	9.81	75	1153	0.209	ug/l	93
56) Ethyl methacrylate	10.41	69	904	0.203	ug/l #	81
57) 1,3-Dichloropropane	10.68	76	1039	0.208	ug/l #	53
58) 2-Chloroethyl Vinyl ether	9.66	63	4977	2.169	ug/l	99
59) 2-Hexanone	10.73	43	3050	1.069	ug/l	69
60) Dibromochloromethane	10.87	129	789	0.211	ug/l	67

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

64) Tetrachloroethene	10.60	164	975	0.319	ug/l #	65
65) Chlorobenzene	11.41	112	1892	0.240	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.48	131	625m	0.200	ug/l	
67) Ethyl Benzene	11.48	91	3013	0.208	ug/l	98
68) m/p-Xylenes	11.60	106	2329	0.435	ug/l	94
70) Styrene	11.93	104	1756	0.202	ug/l #	79
73) Isopropylbenzene	12.22	105	3050	0.242	ug/l	98
74) N-amyl acetate	12.05	43	1148	0.211	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.48	83	963	0.288	ug/l #	47
76) 1,2,3-Trichloropropane	12.53	75	810m	0.233	ug/l	
78) n-propylbenzene	12.57	91	3763	0.265	ug/l	89
79) 2-Chlorotoluene	12.65	91	1964	0.225	ug/l	95
80) 1,3,5-Trimethylbenzene	12.70	105	2630m	0.247	ug/l	
82) 4-Chlorotoluene	12.75	91	2598	0.285	ug/l	85
83) tert-Butylbenzene	12.96	119	2075	0.238	ug/l #	90
84) 1,2,4-Trimethylbenzene	13.01	105	2761	0.260	ug/l	87
85) sec-Butylbenzene	13.14	105	2890	0.262	ug/l	85
86) p-Isopropyltoluene	13.27	119	3057	0.305	ug/l	86
87) 1,3-Dichlorobenzene	13.26	146	1624	0.307	ug/l	84
88) 1,4-Dichlorobenzene	13.34	146	2161m	0.399	ug/l	
89) n-Butylbenzene	13.59	91	3040	0.338	ug/l	99
90) Hexachloroethane	13.84	117	561	0.309	ug/l #	31
91) 1,2-Dichlorobenzene	13.63	146	1564	0.301	ug/l	85
93) 1,2,4-Trichlorobenzene	14.88	180	1428	0.490	ug/l	69
94) Hexachlorobutadiene	14.98	225	1425	0.907	ug/l	91
95) Naphthalene	15.11	128	5181	0.594	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.28	180	1634	0.566	ug/l	77

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

