

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060583.D
 Acq On : 18 Mar 2020 11:53
 Operator : JC/MD
 Sample : L1161-07 .2PPB MDL
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

Manual Integrations
 APPROVED

MMDadoda
 3/19/2020 1:03:00 PM

Quant Time: Mar 19 09:27:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	218153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	360045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	318225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135373	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	146044	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
35) Dibromofluoromethane	7.56	113	107862	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.08	98	434561	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.40	95	146879	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	1203	0.305	ug/l	98
11) Tert butyl alcohol	4.73	59	89	0.202	ug/l #	72
13) Acrolein	3.58	56	190	0.389	ug/l #	14
15) Acrylonitrile	4.96	53	944m	0.729	ug/l	
16) Acetone	3.79	43	1472	1.388	ug/l	93
17) Carbon Disulfide	4.03	76	2798	0.390	ug/l #	83
19) Methyl tert-butyl Ether	5.01	73	1721	0.212	ug/l #	54
20) Methylene Chloride	4.53	84	569m	0.218	ug/l	
21) trans-1,2-Dichloroethene	5.01	96	603m	0.240	ug/l	
23) Vinyl Acetate	5.87	43	5457	0.762	ug/l	97
25) 2-Butanone	6.80	43	1707m	0.994	ug/l	
29) Tetrahydrofuran	7.19	42	1050	0.865	ug/l #	61
31) Cyclohexane	7.64	56	5445	1.129	ug/l #	2
36) 1,1-Dichloropropene	7.77	75	712	0.204	ug/l #	50
37) Ethyl Acetate	6.91	43	758	0.201	ug/l #	70
42) 1,2-Dichloroethane	8.10	62	983	0.273	ug/l #	75
44) Trichloroethene	8.82	130	553	0.208	ug/l	85
51) 4-Methyl-2-Pentanone	9.97	43	3601	1.019	ug/l	98
52) Toluene	10.14	92	1485	0.234	ug/l	92
53) t-1,3-Dichloropropene	10.37	75	885	0.221	ug/l	89
55) 1,1,2-Trichloroethane	10.56	97	512	0.209	ug/l #	46
58) 2-Chloroethyl Vinyl ether	9.68	63	1420	0.749	ug/l	98
59) 2-Hexanone	10.74	43	2798	1.099	ug/l	97
64) Tetrachloroethene	10.63	164	636	0.254	ug/l	93
65) Chlorobenzene	11.42	112	1555	0.246	ug/l	100
67) Ethyl Benzene	11.50	91	2516	0.214	ug/l	96
68) m/p-Xylenes	11.62	106	1960	0.450	ug/l	98
70) Styrene	11.96	104	1654	0.243	ug/l #	83
73) Isopropylbenzene	12.24	105	2275	0.224	ug/l	98
74) N-amyl acetate	12.07	43	1392	0.297	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.50	83	738	0.240	ug/l #	62
76) 1,2,3-Trichloropropane	12.55	75	1092m	0.374	ug/l	
77) Bromobenzene	12.52	156	674	0.275	ug/l	89
78) n-propylbenzene	12.59	91	3461	0.288	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	12.67	91	2006	0.280	ug/l	92
80) 1,3,5-Trimethylbenzene	12.73	105	1915	0.222	ug/l	95
82) 4-Chlorotoluene	12.77	91	2598	0.356	ug/l	95
83) tert-Butylbenzene	12.99	119	1777	0.249	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	2087	0.245	ug/l	100
85) sec-Butylbenzene	13.17	105	2621	0.273	ug/l	89
86) p-Isopropyltoluene	13.28	119	2504	0.290	ug/l	92
87) 1,3-Dichlorobenzene	13.27	146	1514	0.351	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	1870m	0.431	ug/l	
89) n-Butylbenzene	13.61	91	2897	0.371	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	1526	0.370	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	262	0.380	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	1833	0.723	ug/l	95
94) Hexachlorobutadiene	15.00	225	1088	0.875	ug/l	77
95) Naphthalene	15.13	128	6317	0.828	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	1997	0.800	ug/l	91

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

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