

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030320\
 Data File : VN060321.D
 Acq On : 3 Mar 2020 12:03
 Operator : JC/MD
 Sample : L1161-07 .2PPB LOD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 3/4/2020 10:44:12 AM

Quant Time: Mar 04 03:11:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	335328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	298872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133612	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	131367	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
35) Dibromofluoromethane	7.57	113	91906	59.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.10%	
50) Toluene-d8	10.08	98	373157	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
62) 4-Bromofluorobenzene	12.40	95	130253	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	1358	0.422	ug/l	94
4) Vinyl Chloride	2.17	62	654	0.237	ug/l #	43
11) Tert butyl alcohol	4.73	59	102	0.266	ug/l #	73
14) Allyl chloride	4.31	41	953m	0.267	ug/l	
15) Acrylonitrile	4.96	53	830	0.820	ug/l #	68
16) Acetone	3.79	43	1416	1.695	ug/l #	44
17) Carbon Disulfide	4.04	76	2362	0.393	ug/l #	75
18) Methyl Acetate	4.29	43	783m	0.281	ug/l	
19) Methyl tert-butyl Ether	4.99	73	2520m	0.358	ug/l	
20) Methylene Chloride	4.52	84	482m	0.210	ug/l	
21) trans-1,2-Dichloroethene	4.99	96	638m	0.266	ug/l	
23) Vinyl Acetate	5.87	43	5728	0.996	ug/l #	73
25) 2-Butanone	6.81	43	1428	1.058	ug/l #	49
27) cis-1,2-Dichloroethene	6.80	96	759m	0.285	ug/l	
29) Tetrahydrofuran	7.20	42	1219m	1.299	ug/l	
30) Chloroform	7.34	83	934m	0.229	ug/l	
31) Cyclohexane	7.64	56	4844	1.276	ug/l #	8
36) 1,1-Dichloropropene	7.76	75	770m	0.241	ug/l	
37) Ethyl Acetate	6.88	43	657m	0.217	ug/l	
40) Benzene	8.02	78	2002	0.215	ug/l	94
41) Methacrylonitrile	7.16	41	429m	0.307	ug/l	
42) 1,2-Dichloroethane	8.10	62	962	0.287	ug/l #	76
43) Isopropyl Acetate	8.14	43	1122	0.212	ug/l #	55
44) Trichloroethene	8.82	130	551	0.213	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	3394	1.130	ug/l	91
52) Toluene	10.15	92	1240	0.212	ug/l	87
53) t-1,3-Dichloropropene	10.37	75	995	0.253	ug/l #	59
54) cis-1,3-Dichloropropene	9.82	75	996	0.244	ug/l	91
55) 1,1,2-Trichloroethane	10.55	97	572	0.243	ug/l #	55
57) 1,3-Dichloropropane	10.70	76	797	0.208	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.68	63	1543	0.874	ug/l	90
59) 2-Hexanone	10.74	43	2621	1.188	ug/l	98
61) 1,2-Dibromoethane	10.99	107	562	0.245	ug/l #	70
64) Tetrachloroethene	10.62	164	606	0.228	ug/l #	66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	11.43	112	1435	0.238	ug/l	99
67) Ethyl Benzene	11.50	91	2817	0.256	ug/l	92
68) m/p-Xylenes	11.62	106	1974	0.476	ug/l	99
69) o-Xylene	11.95	106	820	0.207	ug/l	86
70) Styrene	11.96	104	1509	0.232	ug/l #	82
73) Isopropylbenzene	12.24	105	2408	0.243	ug/l	95
74) N-amyl acetate	12.07	43	1404	0.324	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.50	83	579	0.215	ug/l #	70
76) 1,2,3-Trichloropropane	12.55	75	844m	0.288	ug/l	
77) Bromobenzene	12.52	156	591	0.243	ug/l	60
78) n-propylbenzene	12.59	91	3191	0.275	ug/l	95
79) 2-Chlorotoluene	12.67	91	1957	0.287	ug/l	87
80) 1,3,5-Trimethylbenzene	12.73	105	2030	0.243	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	221m	0.208	ug/l	
82) 4-Chlorotoluene	12.77	91	2430	0.338	ug/l	87
83) tert-Butylbenzene	12.99	119	1718	0.238	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	2299	0.273	ug/l	94
85) sec-Butylbenzene	13.17	105	2393	0.248	ug/l	99
86) p-Isopropyltoluene	13.29	119	2456	0.274	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	1482	0.325	ug/l	90
88) 1,4-Dichlorobenzene	13.36	146	1811m	0.399	ug/l	
89) n-Butylbenzene	13.61	91	2884	0.351	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	1556	0.366	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	489	0.802	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	1898	0.628	ug/l	93
94) Hexachlorobutadiene	15.01	225	591	0.413	ug/l	88
95) Naphthalene	15.13	128	5850	0.672	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	2149	0.757	ug/l	89

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

