

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061551.D
 Acq On : 29 May 2020 00:00
 Operator : JC/MD
 Sample : L2182-07 2.5PPB LOD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 5:50:31 PM

Quant Time: May 29 07:41:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:45:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	293603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	520398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	479012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204924	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	190918	54.58	ug/l	0.00
Spiked Amount			Recovery	=	109.16%	
35) Dibromofluoromethane	7.55	113	146677	55.56	ug/l	0.00
Spiked Amount			Recovery	=	111.12%	
50) Toluene-d8	10.06	98	614538	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.38	95	207358	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	6177	2.013	ug/l	100
3) Chloromethane	2.03	50	8960	2.502	ug/l	92
4) Vinyl Chloride	2.16	62	11934	2.432	ug/l	100
5) Bromomethane	2.54	94	7901	2.806	ug/l	94
6) Chloroethane	2.67	64	8717	2.760	ug/l	98
7) Trichlorofluoromethane	2.98	101	17375	2.746	ug/l	93
8) Diethyl Ether	3.37	74	4826	2.494	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.72	101	7712	2.746	ug/l	95
10) Methyl Iodide	3.90	142	9936	2.549	ug/l	98
11) Tert butyl alcohol	4.73	59	6603	14.191	ug/l #	79
12) 1,1-Dichloroethene	3.70	96	7580	2.527	ug/l	97
13) Acrolein	3.56	56	3713	20.813	ug/l	97
14) Allyl chloride	4.27	41	10213	2.604	ug/l #	85
15) Acrylonitrile	4.94	53	16330	12.574	ug/l	97
16) Acetone	3.77	43	14547	11.758	ug/l	91
17) Carbon Disulfide	4.00	76	18571	2.814	ug/l	99
18) Methyl Acetate	4.28	43	7421	2.343	ug/l #	62
19) Methyl tert-butyl Ether	4.99	73	26347	2.577	ug/l	98
20) Methylene Chloride	4.51	84	9201	2.145	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	8995	2.659	ug/l	87
22) Diisopropyl ether	5.90	45	21867	2.530	ug/l	94
23) Vinyl Acetate	5.85	43	83282	12.087	ug/l	99
24) 1,1-Dichloroethane	5.80	63	13842	2.525	ug/l	99
25) 2-Butanone	6.79	43	20380	12.293	ug/l	91
26) 2,2-Dichloropropane	6.77	77	11136	2.220	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	9591	2.503	ug/l	96
28) Bromochloromethane	7.16	49	2782m	1.176	ug/l	
29) Tetrahydrofuran	7.16	42	13255	12.125	ug/l #	82
30) Chloroform	7.33	83	15333	2.528	ug/l	98
31) Cyclohexane	7.62	56	17643	3.579	ug/l #	60
32) 1,1,1-Trichloroethane	7.53	97	14199	2.569	ug/l	99
36) 1,1-Dichloropropene	7.75	75	11160	2.422	ug/l	93
37) Ethyl Acetate	6.88	43	7367	1.985	ug/l	98
38) Carbon Tetrachloride	7.73	117	9365	2.107	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	13135	2.313	ug/l	98
40) Benzene	8.00	78	33495	2.356	ug/l	95
41) Methacrylonitrile	7.13	41	4236	2.492	ug/l #	84
42) 1,2-Dichloroethane	8.09	62	12387	2.603	ug/l	99
43) Isopropyl Acetate	8.13	43	16307	2.443	ug/l #	83
44) Trichloroethene	8.80	130	10111	2.315	ug/l	99
45) 1,2-Dichloropropane	9.09	63	8794	2.605	ug/l	99
46) Dibromomethane	9.18	93	5933	2.292	ug/l	93
47) Bromodichloromethane	9.37	83	11377	2.218	ug/l	100
48) Methyl methacrylate	9.17	41	7099	2.364	ug/l	94
49) 1,4-Dioxane	9.17	88	2329	50.055	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	42649	11.337	ug/l	95
52) Toluene	10.12	92	22440	2.419	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	11975	2.167	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	12789	2.153	ug/l	95
55) 1,1,2-Trichloroethane	10.54	97	8516	2.304	ug/l	91
56) Ethyl methacrylate	10.40	69	10660	2.065	ug/l	90
57) 1,3-Dichloropropane	10.68	76	13834	2.340	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	23087	10.463	ug/l	96
59) 2-Hexanone	10.72	43	28830	10.671	ug/l	97
60) Dibromochloromethane	10.87	129	8893	2.116	ug/l	95
61) 1,2-Dibromoethane	10.98	107	8844	2.294	ug/l	97
64) Tetrachloroethene	10.60	164	10116	2.244	ug/l	97
65) Chlorobenzene	11.41	112	23340	2.344	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	8088	2.182	ug/l	96
67) Ethyl Benzene	11.49	91	40609	2.360	ug/l	96
68) m/p-Xylenes	11.60	106	29904	4.382	ug/l	95
69) o-Xylene	11.92	106	15520	2.395	ug/l	94
70) Styrene	11.94	104	23030	2.146	ug/l	99
71) Bromoform	12.11	173	5088	1.781	ug/l #	100
73) Isopropylbenzene	12.22	105	38175	2.552	ug/l	97
74) N-amyl acetate	12.05	43	11658	2.475	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.48	83	11289	2.693	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	10143m	2.722	ug/l	
77) Bromobenzene	12.50	156	9447	2.474	ug/l	90
78) n-propylbenzene	12.57	91	42985	2.574	ug/l	97
79) 2-Chlorotoluene	12.65	91	26624	2.674	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	30878	2.470	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	3194	2.192	ug/l	97
82) 4-Chlorotoluene	12.75	91	26081	2.490	ug/l	96
83) tert-Butylbenzene	12.97	119	27084	2.452	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	31179	2.511	ug/l	98
85) sec-Butylbenzene	13.15	105	35470	2.492	ug/l	98
86) p-Isopropyltoluene	13.26	119	30436	2.322	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	15656	2.316	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	16245m	2.359	ug/l	
89) n-Butylbenzene	13.59	91	25908	2.360	ug/l	98
90) Hexachloroethane	13.85	117	3407	2.350	ug/l	83
91) 1,2-Dichlorobenzene	13.63	146	15530	2.404	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2163	2.530	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	7850	2.078	ug/l	98
94) Hexachlorobutadiene	14.99	225	3514	2.181	ug/l	98
95) Naphthalene	15.11	128	23201	2.017	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	8426	2.268	ug/l	97

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

