

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061550.D
 Acq On : 28 May 2020 23:36
 Operator : JC/MD
 Sample : L2182-07 .75PPB LOD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: May 29 07:38:47 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	305049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	554648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	498257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	191485	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
35) Dibromofluoromethane	7.55	113	148854	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	10.06	98	604516	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
62) 4-Bromofluorobenzene	12.38	95	200401	42.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.26%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	1900	0.596	ug/l	95
3) Chloromethane	2.03	50	3710	0.997	ug/l	92
4) Vinyl Chloride	2.16	62	4076	0.799	ug/l	99
5) Bromomethane	2.54	94	3668	1.254	ug/l	87
6) Chloroethane	2.67	64	2575	0.785	ug/l	91
7) Trichlorofluoromethane	2.98	101	5731	0.872	ug/l	97
8) Diethyl Ether	3.38	74	1585	0.788	ug/l #	48
9) 1,1,2-Trichlorotrifluoroet	3.71	101	2251	0.772	ug/l #	78
10) Methyl Iodide	3.91	142	3870	0.956	ug/l #	63
11) Tert butyl alcohol	4.74	59	2369m	4.900	ug/l	
12) 1,1-Dichloroethene	3.70	96	2775	0.890	ug/l	83
13) Acrolein	3.58	56	1184m	6.388	ug/l	
14) Allyl chloride	4.27	41	3053	0.749	ug/l #	74
15) Acrylonitrile	4.94	53	4460	3.305	ug/l #	53
16) Acetone	3.78	43	7359	5.725	ug/l	97
17) Carbon Disulfide	4.01	76	7056	1.029	ug/l	100
18) Methyl Acetate	4.27	43	2520m	0.766	ug/l	
19) Methyl tert-butyl Ether	4.99	73	8568m	0.807	ug/l	
20) Methylene Chloride	4.49	84	3008	0.675	ug/l	91
21) trans-1,2-Dichloroethene	4.99	96	3043m	0.866	ug/l	
22) Diisopropyl ether	5.90	45	7004	0.780	ug/l #	85
23) Vinyl Acetate	5.84	43	26669	3.725	ug/l	98
24) 1,1-Dichloroethane	5.79	63	4623m	0.812	ug/l	
25) 2-Butanone	6.80	43	6538	3.796	ug/l	90
26) 2,2-Dichloropropane	6.77	77	3848	0.738	ug/l #	67
27) cis-1,2-Dichloroethene	6.78	96	3375m	0.848	ug/l	
28) Bromochloromethane	7.15	49	779	0.317	ug/l #	81
29) Tetrahydrofuran	7.17	42	4545	4.001	ug/l	95
30) Chloroform	7.34	83	5030m	0.798	ug/l	
31) Cyclohexane	7.62	56	9073	1.771	ug/l #	44
32) 1,1,1-Trichloroethane	7.52	97	4309m	0.751	ug/l	
36) 1,1-Dichloropropene	7.75	75	4026	0.820	ug/l	85
37) Ethyl Acetate	6.88	43	1833	0.463	ug/l #	88
38) Carbon Tetrachloride	7.73	117	2714	0.573	ug/l #	90

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

39) Methylcyclohexane	9.05	83	4576	0.756	ug/l #	85
40) Benzene	8.00	78	11178	0.738	ug/l	98
41) Methacrylonitrile	7.14	41	1561	0.862	ug/l #	49
42) 1,2-Dichloroethane	8.09	62	3706	0.731	ug/l	86
43) Isopropyl Acetate	8.12	43	5097	0.716	ug/l #	85
44) Trichloroethene	8.80	130	3479	0.747	ug/l	99
45) 1,2-Dichloropropane	9.08	63	2718	0.756	ug/l	98
46) Dibromomethane	9.17	93	1864	0.676	ug/l	95
47) Bromodichloromethane	9.37	83	3631	0.664	ug/l	97
48) Methyl methacrylate	9.17	41	2115	0.661	ug/l	91
49) 1,4-Dioxane	9.17	88	820	16.535	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	13479	3.362	ug/l	95
52) Toluene	10.13	92	7282	0.736	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	4238	0.720	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	4462	0.705	ug/l #	93
55) 1,1,2-Trichloroethane	10.54	97	2858	0.725	ug/l #	77
56) Ethyl methacrylate	10.40	69	3359	0.610	ug/l	89
57) 1,3-Dichloropropane	10.68	76	4384	0.696	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.67	63	6756	2.873	ug/l	97
59) 2-Hexanone	10.72	43	8786	3.051	ug/l	100
60) Dibromochloromethane	10.87	129	2743	0.612	ug/l	95
61) 1,2-Dibromoethane	10.98	107	2711	0.660	ug/l	98
64) Tetrachloroethene	10.61	164	3554	0.758	ug/l	87
65) Chlorobenzene	11.41	112	7704	0.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	2368	0.614	ug/l #	61
67) Ethyl Benzene	11.48	91	12715	0.710	ug/l	90
68) m/p-Xylenes	11.60	106	9697	1.366	ug/l	93
69) o-Xylene	11.92	106	4499	0.667	ug/l	93
70) Styrene	11.94	104	7417	0.664	ug/l	99
71) Bromoform	12.10	173	1593	0.536	ug/l #	97
73) Isopropylbenzene	12.22	105	12373	0.807	ug/l	98
74) N-amyl acetate	12.05	43	3611	0.748	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.48	83	3512	0.818	ug/l #	93
76) 1,2,3-Trichloropropane	12.53	75	3249m	0.851	ug/l	
77) Bromobenzene	12.50	156	3302	0.844	ug/l	96
78) n-propylbenzene	12.57	91	13787	0.806	ug/l	97
79) 2-Chlorotoluene	12.65	91	8758	0.858	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	9813	0.766	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	770m	0.516	ug/l	
82) 4-Chlorotoluene	12.75	91	9403	0.876	ug/l	97
83) tert-Butylbenzene	12.97	119	8768	0.775	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	9519	0.748	ug/l	97
85) sec-Butylbenzene	13.15	105	10935	0.750	ug/l	93
86) p-Isopropyltoluene	13.26	119	9903	0.737	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	5482	0.791	ug/l	96
88) 1,4-Dichlorobenzene	13.34	146	6074m	0.861	ug/l	
89) n-Butylbenzene	13.59	91	8767	0.779	ug/l	93
90) Hexachloroethane	13.85	117	921	0.620	ug/l	80
91) 1,2-Dichlorobenzene	13.62	146	5031	0.760	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	701	0.800	ug/l	64

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	3125	0.807	ug/l	93
94) Hexachlorobutadiene	14.98	225	1045	0.633	ug/l	80
95) Naphthalene	15.11	128	9054	0.768	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	2974	0.781	ug/l	97

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

