

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061560.D
 Acq On : 29 May 2020 12:28
 Operator : JC/MD
 Sample : L2182-09 .2PPB MDL
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2020DL

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:29:56 PM

Quant Time: May 30 07:22:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	315150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	560815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	501726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	208581	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	195191	51.98	ug/l	0.00
Spiked Amount			Recovery	=	103.96%	
35) Dibromofluoromethane	7.55	113	153669	54.02	ug/l	0.00
Spiked Amount			Recovery	=	108.04%	
50) Toluene-d8	10.06	98	623703	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	
62) 4-Bromofluorobenzene	12.38	95	204643	42.55	ug/l	0.00
Spiked Amount			Recovery	=	85.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1482	0.386	ug/l	99
4) Vinyl Chloride	2.16	62	1078	0.205	ug/l #	88
6) Chloroethane	2.68	64	860	0.254	ug/l #	62
9) 1,1,2-Trichlorotrifluoroet	3.71	101	639m	0.212	ug/l	
12) 1,1-Dichloroethene	3.69	96	756	0.235	ug/l #	84
14) Allyl chloride	4.29	41	1269m	0.301	ug/l	
15) Acrylonitrile	4.96	53	1550m	1.112	ug/l	
16) Acetone	3.79	43	3064	2.307	ug/l	96
17) Carbon Disulfide	4.01	76	3489	0.492	ug/l #	74
18) Methyl Acetate	4.29	43	1165	0.343	ug/l #	46
19) Methyl tert-butyl Ether	5.00	73	2338m	0.213	ug/l	
20) Methylene Chloride	4.51	84	1013	0.220	ug/l #	67
21) trans-1,2-Dichloroethene	4.99	96	788m	0.217	ug/l	
23) Vinyl Acetate	5.85	43	5733	0.775	ug/l	100
24) 1,1-Dichloroethane	5.80	63	1182	0.201	ug/l #	81
25) 2-Butanone	6.79	43	2491m	1.400	ug/l	
26) 2,2-Dichloropropane	6.77	77	1269	0.236	ug/l #	51
27) cis-1,2-Dichloroethene	6.79	96	1059	0.258	ug/l	83
29) Tetrahydrofuran	7.17	42	1859	1.584	ug/l #	77
36) 1,1-Dichloropropene	7.75	75	1146	0.231	ug/l #	73
37) Ethyl Acetate	6.88	43	1078m	0.270	ug/l	
40) Benzene	8.00	78	3104	0.203	ug/l #	89
41) Methacrylonitrile	7.11	41	409m	0.223	ug/l	
42) 1,2-Dichloroethane	8.08	62	1522	0.297	ug/l #	72
46) Dibromomethane	9.18	93	615m	0.220	ug/l	
49) 1,4-Dioxane	9.17	88	342	6.821	ug/l #	75
51) 4-Methyl-2-Pentanone	9.95	43	3974	0.980	ug/l	91
57) 1,3-Dichloropropane	10.68	76	1353	0.212	ug/l #	50
58) 2-Chloroethyl Vinyl ether	9.67	63	2005	0.843	ug/l	96
59) 2-Hexanone	10.72	43	3449	1.185	ug/l	84
64) Tetrachloroethene	10.60	164	993	0.210	ug/l #	90
65) Chlorobenzene	11.41	112	2694	0.258	ug/l	90
67) Ethyl Benzene	11.48	91	3973	0.220	ug/l	94
68) m/p-Xylenes	11.60	106	3051	0.427	ug/l	97

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

70) Styrene	11.94	104	2252	0.200	ug/l #	91
73) Isopropylbenzene	12.22	105	3594	0.236	ug/l	98
74) N-amyl acetate	12.05	43	1538	0.321	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.49	83	1038	0.243	ug/l #	75
76) 1,2,3-Trichloropropane	12.53	75	1453m	0.383	ug/l	
77) Bromobenzene	12.50	156	1166	0.300	ug/l	90
78) n-propylbenzene	12.57	91	5492	0.323	ug/l	96
79) 2-Chlorotoluene	12.65	91	2503	0.247	ug/l	94
80) 1,3,5-Trimethylbenzene	12.71	105	3149	0.247	ug/l	93
82) 4-Chlorotoluene	12.75	91	3605	0.338	ug/l	92
83) tert-Butylbenzene	12.97	119	2656	0.236	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	3644	0.288	ug/l	97
85) sec-Butylbenzene	13.15	105	4080	0.282	ug/l	95
86) p-Isopropyltoluene	13.26	119	3488	0.261	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	2739	0.398	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	3152m	0.450	ug/l	
89) n-Butylbenzene	13.59	91	4807	0.430	ug/l	89
91) 1,2-Dichlorobenzene	13.63	146	2382	0.362	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	266	0.306	ug/l	78
93) 1,2,4-Trichlorobenzene	14.89	180	3302	0.859	ug/l	97
94) Hexachlorobutadiene	14.98	225	971	0.592	ug/l	98
95) Naphthalene	15.11	128	12250	1.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	3419	0.904	ug/l	94

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

