

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061548.D
 Acq On : 28 May 2020 22:50
 Operator : JC/MD
 Sample : L2182-07 .2PPB LOD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 5:50:26 PM

Quant Time: May 29 07:31:12 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	296544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	535351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	483210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189432	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
35) Dibromofluoromethane	7.55	113	146222	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
50) Toluene-d8	10.06	98	603120	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	12.38	95	200871	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.50%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.03	50	2022	0.559	ug/l	97
4) Vinyl Chloride	2.16	62	1317	0.266	ug/l	98
6) Chloroethane	2.67	64	762	0.239	ug/l #	53
7) Trichlorofluoromethane	2.98	101	1501	0.235	ug/l	89
12) 1,1-Dichloroethene	3.70	96	800m	0.264	ug/l	
14) Allyl chloride	4.28	41	992m	0.250	ug/l	
15) Acrylonitrile	4.94	53	1440	1.098	ug/l #	84
16) Acetone	3.78	43	4751	3.802	ug/l	99
17) Carbon Disulfide	4.01	76	4719	0.708	ug/l #	90
18) Methyl Acetate	4.27	43	1218m	0.381	ug/l	
20) Methylene Chloride	4.49	84	1045m	0.241	ug/l	
21) trans-1,2-Dichloroethene	4.99	96	1489	0.436	ug/l #	71
22) Diisopropyl ether	5.90	45	1833m	0.210	ug/l	
23) Vinyl Acetate	5.85	43	6330	0.910	ug/l #	88
25) 2-Butanone	6.78	43	2181m	1.303	ug/l	
26) 2,2-Dichloropropane	6.78	77	1570m	0.310	ug/l	
27) cis-1,2-Dichloroethene	6.79	96	1203	0.311	ug/l	36
29) Tetrahydrofuran	7.17	42	1711m	1.550	ug/l	
30) Chloroform	7.33	83	1292m	0.211	ug/l	
36) 1,1-Dichloropropene	7.74	75	1500m	0.317	ug/l	
37) Ethyl Acetate	6.89	43	920m	0.241	ug/l	
39) Methylcyclohexane	9.05	83	1527	0.261	ug/l	90
41) Methacrylonitrile	7.14	41	380m	0.217	ug/l	
42) 1,2-Dichloroethane	8.09	62	1455	0.297	ug/l #	72
44) Trichloroethene	8.80	130	1464	0.326	ug/l	87
46) Dibromomethane	9.18	93	604	0.227	ug/l #	77
47) Bromodichloromethane	9.36	83	1065	0.202	ug/l #	85
48) Methyl methacrylate	9.17	41	938	0.304	ug/l #	63
49) 1,4-Dioxane	9.17	88	717	14.979	ug/l #	61
51) 4-Methyl-2-Pentanone	9.95	43	3962	1.024	ug/l	91
52) Toluene	10.12	92	2298	0.241	ug/l	97
53) t-1,3-Dichloropropene	10.36	75	1496	0.263	ug/l #	76
57) 1,3-Dichloropropane	10.68	76	1249	0.205	ug/l #	87
58) 2-Chloroethyl Vinyl ether	9.67	63	1836	0.809	ug/l #	74

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061548.D
 Acq On : 28 May 2020 22:50
 Operator : JC/MD
 Sample : L2182-07 .2PPB LOD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 5:50:26 PM

Quant Time: May 29 07:31:12 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)
59) 2-Hexanone	10.73	43	3739	1.345	ug/l	96
64) Tetrachloroethene	10.61	164	1138	0.250	ug/l	91
65) Chlorobenzene	11.40	112	2910	0.290	ug/l	97
67) Ethyl Benzene	11.48	91	4371	0.252	ug/l	94
68) m/p-Xylenes	11.60	106	3336	0.485	ug/l	89
69) o-Xylene	11.93	106	1338	0.205	ug/l	89
70) Styrene	11.94	104	2844	0.263	ug/l	93
73) Isopropylbenzene	12.22	105	4158	0.284	ug/l	84
74) N-amyl acetate	12.05	43	2234	0.484	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.48	83	1104	0.269	ug/l #	89
76) 1,2,3-Trichloropropane	12.53	75	1270m	0.348	ug/l	
77) Bromobenzene	12.50	156	1467	0.392	ug/l	94
78) n-propylbenzene	12.57	91	5707	0.349	ug/l	100
79) 2-Chlorotoluene	12.65	91	3117	0.320	ug/l	92
80) 1,3,5-Trimethylbenzene	12.71	105	3688	0.301	ug/l	98
82) 4-Chlorotoluene	12.75	91	4287	0.418	ug/l	90
83) tert-Butylbenzene	12.97	119	3220	0.298	ug/l	92
84) 1,2,4-Trimethylbenzene	13.01	105	3768	0.310	ug/l	96
85) sec-Butylbenzene	13.15	105	4793	0.344	ug/l	94
86) p-Isopropyltoluene	13.26	119	4037	0.315	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	3256	0.492	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	3678m	0.545	ug/l	
89) n-Butylbenzene	13.59	91	5816	0.541	ug/l	89
91) 1,2-Dichlorobenzene	13.63	146	2800	0.443	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.25	75	400	0.478	ug/l #	31
93) 1,2,4-Trichlorobenzene	14.89	180	3391	0.917	ug/l	99
94) Hexachlorobutadiene	14.98	225	1317	0.835	ug/l	97
95) Naphthalene	15.11	128	11805	1.048	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	3586	0.986	ug/l	93

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

