

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062488.D
 Acq On : 10 Jul 2020 13:06
 Operator : JC/MD
 Sample : L3216-09 .75PPB MDL
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2020DL

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 11:19:09 AM

Quant Time: Jul 13 01:30:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 11 03:18:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	189700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	330379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	296330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110552	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	146103	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	7.55	113	103109	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	10.06	98	394168	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.38	95	128795	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	1444	0.747	ug/l	92
3) Chloromethane	2.04	50	2631	0.849	ug/l	99
4) Vinyl Chloride	2.16	62	1966	0.774	ug/l	90
5) Bromomethane	2.53	94	1420	1.041	ug/l	94
6) Chloroethane	2.67	64	1355	0.916	ug/l	91
7) Trichlorofluoromethane	2.98	101	2729	0.846	ug/l	98
8) Diethyl Ether	3.38	74	1064	0.738	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	1329	0.695	ug/l #	81
10) Methyl Iodide	3.91	142	1148	0.455	ug/l #	56
11) Tert butyl alcohol	4.74	59	1746m	3.607	ug/l	
12) 1,1-Dichloroethene	3.70	96	1615	0.829	ug/l	88
13) Acrolein	3.57	56	1113	3.188	ug/l #	68
14) Allyl chloride	4.28	41	3059	0.668	ug/l #	86
15) Acrylonitrile	4.94	53	4328	3.409	ug/l #	86
16) Acetone	3.78	43	5039	4.068	ug/l	97
17) Carbon Disulfide	4.01	76	5827	0.955	ug/l	99
18) Methyl Acetate	4.30	43	3276m	1.060	ug/l	
19) Methyl tert-butyl Ether	4.99	73	5716	0.774	ug/l	98
20) Methylene Chloride	4.50	84	2728	1.030	ug/l	86
21) trans-1,2-Dichloroethene	4.99	96	1724m	0.817	ug/l	
22) Diisopropyl ether	5.90	45	6679	0.738	ug/l #	71
23) Vinyl Acetate	5.85	43	25701	3.429	ug/l	98
24) 1,1-Dichloroethane	5.79	63	3617	0.774	ug/l #	85
25) 2-Butanone	6.80	43	6452	3.566	ug/l	95
26) 2,2-Dichloropropane	6.77	77	3117	0.870	ug/l #	62
27) cis-1,2-Dichloroethene	6.78	96	1943	0.795	ug/l	94
28) Bromochloromethane	7.15	49	1573	0.619	ug/l #	98
29) Tetrahydrofuran	7.18	42	4297	3.528	ug/l #	83
30) Chloroform	7.33	83	3402	0.806	ug/l	90
31) Cyclohexane	7.62	56	7836	1.768	ug/l #	10
32) 1,1,1-Trichloroethane	7.53	97	2736	0.779	ug/l #	52
36) 1,1-Dichloropropene	7.75	75	2551	0.766	ug/l #	62
37) Ethyl Acetate	6.89	43	3087m	0.793	ug/l	
38) Carbon Tetrachloride	7.73	117	2337	0.781	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062488.D
 Acq On : 10 Jul 2020 13:06
 Operator : JC/MD
 Sample : L3216-09 .75PPB MDL
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2020DL

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 11:19:09 AM

Quant Time: Jul 13 01:30:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 11 03:18:07 2020
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.04	83	2676	0.753	ug/l #	93
40) Benzene	8.00	78	7398	0.754	ug/l	99
41) Methacrylonitrile	7.14	41	1259	0.774	ug/l #	66
42) 1,2-Dichloroethane	8.08	62	3053	0.850	ug/l	87
43) Isopropyl Acetate	8.13	43	4247	0.691	ug/l #	94
44) Trichloroethene	8.80	130	1590	0.731	ug/l	85
45) 1,2-Dichloropropane	9.08	63	2040	0.716	ug/l	90
46) Dibromomethane	9.18	93	1277	0.795	ug/l #	74
47) Bromodichloromethane	9.37	83	2478	0.721	ug/l #	94
48) Methyl methacrylate	9.17	41	1985	0.658	ug/l #	90
49) 1,4-Dioxane	9.16	88	706	16.083	ug/l #	57
51) 4-Methyl-2-Pentanone	9.95	43	12382	3.372	ug/l	96
52) Toluene	10.13	92	4594	0.811	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	2599	0.675	ug/l	89
54) cis-1,3-Dichloropropene	9.81	75	2781	0.655	ug/l	88
55) 1,1,2-Trichloroethane	10.54	97	1565	0.702	ug/l	91
56) Ethyl methacrylate	10.40	69	2256	0.606	ug/l #	92
57) 1,3-Dichloropropane	10.68	76	2999	0.728	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.67	63	2955	2.235	ug/l	98
59) 2-Hexanone	10.73	43	7944	2.980	ug/l	97
60) Dibromochloromethane	10.87	129	1738	0.719	ug/l	94
61) 1,2-Dibromoethane	10.98	107	1418	0.630	ug/l	94
64) Tetrachloroethene	10.60	164	1337	0.760	ug/l	91
65) Chlorobenzene	11.41	112	4676	0.812	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	1649	0.776	ug/l #	60
67) Ethyl Benzene	11.49	91	7940	0.734	ug/l	95
68) m/p-Xylenes	11.60	106	4921	1.286	ug/l	84
69) o-Xylene	11.92	106	2660	0.714	ug/l	99
70) Styrene	11.94	104	4070	0.661	ug/l	93
71) Bromoform	12.10	173	1019	0.654	ug/l #	93
73) Isopropylbenzene	12.23	105	6699	0.783	ug/l	99
74) N-amyl acetate	12.05	43	2629	0.631	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.48	83	2652	0.922	ug/l #	91
76) 1,2,3-Trichloropropane	12.53	75	2257m	0.832	ug/l	
77) Bromobenzene	12.50	156	1663	0.855	ug/l	92
78) n-propylbenzene	12.57	91	7810	0.782	ug/l	100
79) 2-Chlorotoluene	12.65	91	5368	0.885	ug/l	92
80) 1,3,5-Trimethylbenzene	12.71	105	5054	0.721	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.27	75	733m	0.723	ug/l	
82) 4-Chlorotoluene	12.75	91	4720	0.767	ug/l	96
83) tert-Butylbenzene	12.97	119	4603	0.773	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	5202	0.746	ug/l	97
85) sec-Butylbenzene	13.15	105	5716	0.725	ug/l	97
86) p-Isopropyltoluene	13.26	119	4516	0.663	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	2852	0.850	ug/l	88
88) 1,4-Dichlorobenzene	13.34	146	2893m	0.838	ug/l	
89) n-Butylbenzene	13.59	91	4236	0.705	ug/l	94
90) Hexachloroethane	13.85	117	1025	0.766	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	2641	0.814	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	359	0.684	ug/l #	49

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
Data File : VN062488.D
Acq On : 10 Jul 2020 13:06
Operator : JC/MD
Sample : L3216-09 .75PPB MDL
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2020DL

Manual Integrations
APPROVED

MMDadoda
7/13/2020 11:19:09 AM

Quant Time: Jul 13 01:30:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 11 03:18:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	917	0.627	ug/l #	62
94) Hexachlorobutadiene	14.98	225	623	0.723	ug/l	85
95) Naphthalene	15.11	128	2508	0.608	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.29	180	965	0.634	ug/l #	78

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

