

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067343.D
 Acq On : 15 Jun 2021 13:47
 Operator : JC/MD
 Sample : M2262-09 2.5PPB MDL
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2021DL

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 5:03:11 PM

Quant Time: Jun 16 04:31:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:29:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	327520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	639823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	570508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	221506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	330362	51.131	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.260%			
35) Dibromofluoromethane	8.024	113	207784	48.829	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.660%			
50) Toluene-d8	10.443	98	796872	48.858	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.720%			
62) 4-Bromofluorobenzene	12.736	95	312892	46.486	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	10400	2.163	ug/l	94
3) Chloromethane	2.301	50	12419	2.498	ug/l	97
4) Vinyl Chloride	2.440	62	11763	2.413	ug/l	93
5) Bromomethane	2.848	94	7127	3.446	ug/l	94
6) Chloroethane	3.014	64	6993	2.335	ug/l	92
7) Trichlorofluoromethane	3.365	101	15845	2.342	ug/l	93
8) Diethyl Ether	3.827	74	7120	2.587	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.197	101	9439	2.319	ug/l #	70
10) Methyl Iodide	4.414	142	7114	1.990	ug/l #	60
11) Tert butyl alcohol	5.396	59	13573m	12.761	ug/l	
12) 1,1-Dichloroethene	4.178	96	9249	2.355	ug/l	95
13) Acrolein	4.033	56	7673	11.557	ug/l	91
14) Allyl chloride	4.824	41	22358m	2.565	ug/l	
15) Acrylonitrile	5.559	53	25271	10.825	ug/l	98
16) Acetone	4.291	43	27966	11.279	ug/l	99
17) Carbon Disulfide	4.516	76	28958	2.282	ug/l	96
18) Methyl Acetate	4.865	43	15358	2.555	ug/l	99
19) Methyl tert-butyl Ether	5.624	73	35372	2.243	ug/l	99
20) Methylene Chloride	5.093	84	13615	2.639	ug/l	94
21) trans-1,2-Dichloroethene	5.589	96	10047	2.308	ug/l	91
22) Diisopropyl ether	6.509	45	36618	2.276	ug/l	93
23) Vinyl Acetate	6.434	43	150898	10.236	ug/l	100
24) 1,1-Dichloroethane	6.388	63	22461	2.489	ug/l	99
25) 2-Butanone	7.345	43	41210	11.631	ug/l	95
26) 2,2-Dichloropropane	7.329	77	21188	2.316	ug/l	82
27) cis-1,2-Dichloroethene	7.329	96	12913	2.521	ug/l	97
28) Bromochloromethane	7.659	49	10675	2.542	ug/l #	94
29) Tetrahydrofuran	7.697	42	26018	11.648	ug/l #	84
30) Chloroform	7.823	83	22980	2.425	ug/l	93
31) Cyclohexane	8.083	56	28440	3.238	ug/l #	71
32) 1,1,1-Trichloroethane	8.013	97	21790	2.504	ug/l	96
36) 1,1-Dichloropropene	8.220	75	17129	2.388	ug/l	97
37) Ethyl Acetate	7.421	43	17346	2.283	ug/l	99
38) Carbon Tetrachloride	8.206	117	16841	2.184	ug/l	94
39) Methylcyclohexane	9.462	83	17485	2.303	ug/l	94
40) Benzene	8.461	78	47609	2.378	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067343.D
 Acq On : 15 Jun 2021 13:47
 Operator : JC/MD
 Sample : M2262-09 2.5PPB MDL
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2021DL

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 5:03:11 PM

Quant Time: Jun 16 04:31:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:29:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	8607	2.179	ug/l #	82
42) 1,2-Dichloroethane	8.534	62	20988	2.481	ug/l	88
43) Isopropyl Acetate	8.568	43	33108	2.427	ug/l	94
44) Trichloroethene	9.220	130	11107	2.372	ug/l	93
45) 1,2-Dichloropropane	9.494	63	13005	2.436	ug/l	96
46) Dibromomethane	9.580	93	8015	2.206	ug/l	94
47) Bromodichloromethane	9.765	83	18824	2.310	ug/l	95
48) Methyl methacrylate	9.566	41	13832	2.224	ug/l	98
49) 1,4-Dioxane	9.580	88	4013	47.143	ug/l #	94
51) 4-Methyl-2-Pentanone	10.336	43	91995	11.714	ug/l	100
52) Toluene	10.508	92	30460	2.420	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	19850	2.200	ug/l	97
54) cis-1,3-Dichloropropene	10.194	75	21393	2.346	ug/l	90
55) 1,1,2-Trichloroethane	10.904	97	11699	2.403	ug/l	96
56) Ethyl methacrylate	10.765	69	18265	2.087	ug/l	98
57) 1,3-Dichloropropane	11.049	76	20684	2.326	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.046	63	22957	9.014	ug/l	96
59) 2-Hexanone	11.089	43	64493	11.209	ug/l	99
60) Dibromochloromethane	11.242	129	11915	2.239	ug/l	97
61) 1,2-Dibromoethane	11.350	107	11867	2.329	ug/l	94
64) Tetrachloroethene	10.982	164	10698	2.641	ug/l	95
65) Chlorobenzene	11.771	112	30499	2.457	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.846	131	11325	2.450	ug/l	98
67) Ethyl Benzene	11.849	91	59092	2.407	ug/l	99
68) m/p-Xylenes	11.958	106	41164	4.717	ug/l	97
69) o-Xylene	12.286	106	19081	2.235	ug/l	91
70) Styrene	12.296	104	31115	2.193	ug/l	96
71) Bromoform	12.465	173	7256	2.054	ug/l #	98
73) Isopropylbenzene	12.583	105	53585	2.521	ug/l	95
74) N-amyl acetate	12.393	43	22609	2.179	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.830	83	15784	2.491	ug/l	95
76) 1,2,3-Trichloropropane	12.884	75	14326m	2.491	ug/l	
77) Bromobenzene	12.862	156	11452	2.646	ug/l	93
78) n-propylbenzene	12.924	91	62160	2.459	ug/l	99
79) 2-Chlorotoluene	13.012	91	38781	2.464	ug/l	98
80) 1,3,5-Trimethylbenzene	13.063	105	44226	2.470	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.629	75	5151m	2.219	ug/l	
82) 4-Chlorotoluene	13.112	91	38882	2.481	ug/l	100
83) tert-Butylbenzene	13.329	119	34939	2.451	ug/l	95
84) 1,2,4-Trimethylbenzene	13.372	105	43135	2.439	ug/l	98
85) sec-Butylbenzene	13.506	105	48256	2.391	ug/l	100
86) p-Isopropyltoluene	13.619	119	39791	2.443	ug/l	98
87) 1,3-Dichlorobenzene	13.621	146	18386	2.355	ug/l	96
88) 1,4-Dichlorobenzene	13.699	146	19590	2.494	ug/l	86
89) n-Butylbenzene	13.946	91	36347	2.374	ug/l	98
90) Hexachloroethane	14.214	117	6739	2.115	ug/l	97
91) 1,2-Dichlorobenzene	13.994	146	17759	2.397	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.608	75	3993	2.521	ug/l	86
93) 1,2,4-Trichlorobenzene	15.271	180	8572	2.216	ug/l	96
94) Hexachlorobutadiene	15.375	225	5540	2.494	ug/l	77
95) Naphthalene	15.512	128	23349	1.981	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	7971	2.147	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
Data File : VN067343.D
Acq On : 15 Jun 2021 13:47
Operator : JC/MD
Sample : M2262-09 2.5PPB MDL
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2021DL

Manual Integrations
APPROVED

MMDadoda
6/16/2021 5:03:11 PM

Quant Time: Jun 16 04:31:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 16 04:29:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

