

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072734.D
 Acq On : 09 Jun 2022 16:40
 Operator : JC\MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jun 10 04:15:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 10 04:02:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	154238	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	292723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	279636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	109625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	227779	55.024	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.040%			
35) Dibromofluoromethane	8.016	113	150331	51.902	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.800%			
50) Toluene-d8	10.439	98	564953	48.887	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.780%			
62) 4-Bromofluorobenzene	12.727	95	167344	42.200	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 84.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	1130	0.452	ug/l	81
3) Chloromethane	2.293	50	2173	0.729	ug/l	96
4) Vinyl Chloride	2.440	62	1669	0.609	ug/l	# 79
5) Bromomethane	2.840	94	1303	0.969	ug/l	91
6) Chloroethane	3.004	64	793	0.411	ug/l	92
7) Trichlorofluoromethane	3.352	101	2278	0.522	ug/l	# 50
8) Diethyl Ether	3.816	74	1090	0.615	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.222	101	1146m	0.480	ug/l	
10) Methyl Iodide	4.410	142	908	0.408	ug/l	# 60
11) Tert butyl alcohol	5.351	59	5866m	5.940	ug/l	
12) 1,1-Dichloroethene	4.187	96	855	0.384	ug/l	# 25
13) Acrolein	4.051	56	1642	4.026	ug/l	94
14) Allyl chloride	4.834	41	3162	0.615	ug/l	# 79
15) Acrylonitrile	5.557	53	5597	2.675	ug/l	# 34
16) Acetone	4.293	43	7705	3.884	ug/l	# 87
17) Carbon Disulfide	4.522	76	3332	0.593	ug/l	# 83
18) Methyl Acetate	4.857	43	4005m	0.776	ug/l	
19) Methyl tert-butyl Ether	5.610	73	5100	0.507	ug/l	99
20) Methylene Chloride	5.093	84	2665	0.851	ug/l	# 74
21) trans-1,2-Dichloroethene	5.604	96	1041	0.425	ug/l	# 60
22) Diisopropyl ether	6.492	45	5639	0.541	ug/l	# 93
23) Vinyl Acetate	6.434	43	23176	2.431	ug/l	# 92
24) 1,1-Dichloroethane	6.387	63	2759	0.510	ug/l	# 82
25) 2-Butanone	7.340	43	10286	3.224	ug/l	92
26) 2,2-Dichloropropane	7.316	77	3588	0.734	ug/l	# 59
27) cis-1,2-Dichloroethene	7.310	96	1843m	0.591	ug/l	
28) Bromochloromethane	7.657	49	1067	0.418	ug/l	# 43
29) Tetrahydrofuran	7.692	42	5718	2.900	ug/l	# 59
30) Chloroform	7.828	83	2879	0.511	ug/l	# 59
31) Cyclohexane	8.087	56	8013	1.713	ug/l	# 51
32) 1,1,1-Trichloroethane	8.016	97	2416	0.485	ug/l	# 46
36) 1,1-Dichloropropene	8.228	75	2207	0.549	ug/l	# 82
37) Ethyl Acetate	7.422	43	4374m	0.700	ug/l	
38) Carbon Tetrachloride	8.204	117	2417	0.563	ug/l	89
39) Methylcyclohexane	9.463	83	2268	0.486	ug/l	# 90
40) Benzene	8.457	78	6129	0.502	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072734.D
 Acq On : 09 Jun 2022 16:40
 Operator : JC\MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jun 10 04:15:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 10 04:02:08 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	1112m	0.528	ug/l	
42) 1,2-Dichloroethane	8.528	62	3185	0.630	ug/l	78
43) Isopropyl Acetate	8.563	43	4989	0.513	ug/l #	83
44) Trichloroethene	9.210	130	1347	0.474	ug/l	71
45) 1,2-Dichloropropane	9.492	63	1593	0.483	ug/l	92
46) Dibromomethane	9.581	93	1161	0.504	ug/l #	78
47) Bromodichloromethane	9.757	83	2399	0.506	ug/l #	82
48) Methyl methacrylate	9.563	41	2551	0.554	ug/l #	73
49) 1,4-Dioxane	9.569	88	826	9.818	ug/l	91
51) 4-Methyl-2-Pentanone	10.328	43	14835	2.342	ug/l	87
52) Toluene	10.504	92	3986	0.523	ug/l	88
53) t-1,3-Dichloropropene	10.716	75	2129	0.405	ug/l #	87
54) cis-1,3-Dichloropropene	10.186	75	2414	0.444	ug/l #	72
55) 1,1,2-Trichloroethane	10.898	97	1518	0.462	ug/l #	73
56) Ethyl methacrylate	10.763	69	2574	0.443	ug/l #	72
57) 1,3-Dichloropropane	11.039	76	2692	0.459	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.033	63	4452	1.921	ug/l	97
59) 2-Hexanone	11.092	43	15533	3.334	ug/l	70
60) Dibromochloromethane	11.239	129	1617	0.474	ug/l	83
61) 1,2-Dibromoethane	11.345	107	1683	0.500	ug/l	91
64) Tetrachloroethene	10.975	164	1212	0.515	ug/l #	84
65) Chlorobenzene	11.769	112	3684	0.494	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.833	131	1215	0.410	ug/l #	51
67) Ethyl Benzene	11.845	91	6789	0.485	ug/l	97
68) m/p-Xylenes	11.951	106	4296	0.863	ug/l #	73
69) o-Xylene	12.274	106	2498	0.499	ug/l	79
70) Styrene	12.292	104	3494	0.444	ug/l #	92
71) Bromoform	12.457	173	985	0.472	ug/l #	74
73) Isopropylbenzene	12.580	105	5737	0.488	ug/l	97
74) N-amyl acetate	12.392	43	3426	0.627	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.827	83	2245	0.550	ug/l	91
76) 1,2,3-Trichloropropane	12.874	75	1970m	0.557	ug/l	
77) Bromobenzene	12.863	156	1382	0.596	ug/l	59
78) n-propylbenzene	12.921	91	6329	0.493	ug/l	90
79) 2-Chlorotoluene	13.004	91	4286	0.532	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	5181	0.556	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.616	75	563m	0.416	ug/l	
82) 4-Chlorotoluene	13.098	91	4210	0.566	ug/l	82
83) tert-Butylbenzene	13.316	119	4338	0.530	ug/l	79
84) 1,2,4-Trimethylbenzene	13.369	105	4620	0.518	ug/l	87
85) sec-Butylbenzene	13.504	105	5768	0.522	ug/l	89
86) p-Isopropyltoluene	13.610	119	3801	0.438	ug/l #	86
87) 1,3-Dichlorobenzene	13.616	146	1946	0.494	ug/l	86
88) 1,4-Dichlorobenzene	13.692	146	2388	0.619	ug/l #	37
89) n-Butylbenzene	13.945	91	3686	0.504	ug/l	83
90) Hexachloroethane	14.198	117	985	0.524	ug/l #	51
91) 1,2-Dichlorobenzene	13.986	146	2248	0.583	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.610	75	440	0.446	ug/l	64
93) 1,2,4-Trichlorobenzene	15.263	180	970	0.523	ug/l	80
94) Hexachlorobutadiene	15.368	225	213	0.256	ug/l	94
95) Naphthalene	15.510	128	3907	0.542	ug/l	98
96) 1,2,3-Trichlorobenzene	15.704	180	815	0.441	ug/l #	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
Data File : VN072734.D
Acq On : 09 Jun 2022 16:40
Operator : JC\MD
Sample : N3214-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

Quant Time: Jun 10 04:15:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 10 04:02:08 2022
Response via : Initial Calibration

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

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

Manual Integrations

Quant Time: Jun 10 04:15:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 10 04:02:08 2022
Response via : Initial Calibration

