

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071615.D
 Acq On : 28 Mar 2022 20:21
 Operator : JC\MD
 Sample : N1645-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 29 10:13:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 10:12:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/30/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	622439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1019216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	880508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	290681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	398602	53.409	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.820%			
35) Dibromofluoromethane	8.016	113	315009	50.325	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.640%			
50) Toluene-d8	10.439	98	1246901	48.292	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.580%			
62) 4-Bromofluorobenzene	12.727	95	355352	42.188	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 84.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	2637	0.432	ug/l	93
3) Chloromethane	2.305	50	5147	0.717	ug/l #	72
4) Vinyl Chloride	2.440	62	3868	0.485	ug/l #	52
5) Bromomethane	2.869	94	5720	1.221	ug/l	92
6) Chloroethane	3.016	64	2470	0.429	ug/l #	88
7) Trichlorofluoromethane	3.381	101	4373	0.460	ug/l	93
8) Diethyl Ether	3.828	74	1471	0.372	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.216	101	2680	0.464	ug/l #	62
10) Methyl Iodide	4.428	142	3931	0.462	ug/l #	66
11) Tert butyl alcohol	5.346	59	2068	1.569	ug/l #	72
12) 1,1-Dichloroethene	4.193	96	2618	0.469	ug/l #	56
13) Acrolein	4.046	56	3000	2.728	ug/l	91
14) Allyl chloride	4.846	41	4464	0.501	ug/l #	90
15) Acrylonitrile	5.557	53	8171	2.220	ug/l	98
16) Acetone	4.287	43	7745	2.517	ug/l	93
17) Carbon Disulfide	4.540	76	8108	0.583	ug/l #	90
18) Methyl Acetate	4.863	43	8937	1.132	ug/l #	87
19) Methyl tert-butyl Ether	5.610	73	8054	0.395	ug/l	97
20) Methylene Chloride	5.087	84	3889	0.572	ug/l #	90
21) trans-1,2-Dichloroethene	5.610	96	2833m	0.474	ug/l	
22) Diisopropyl ether	6.498	45	7631	0.400	ug/l #	96
23) Vinyl Acetate	6.440	43	30394	1.890	ug/l #	92
24) 1,1-Dichloroethane	6.381	63	4781	0.421	ug/l #	82
25) 2-Butanone	7.334	43	10453	2.183	ug/l #	79
26) 2,2-Dichloropropane	7.322	77	3927	0.402	ug/l	91
27) cis-1,2-Dichloroethene	7.316	96	3162	0.431	ug/l	97
28) Bromochloromethane	7.663	49	2191	0.478	ug/l #	94
29) Tetrahydrofuran	7.692	42	6699	2.155	ug/l	97
30) Chloroform	7.816	83	4947	0.425	ug/l #	83
31) Cyclohexane	8.081	56	15269	1.465	ug/l #	12
32) 1,1,1-Trichloroethane	8.016	97	3993	0.396	ug/l #	52
36) 1,1-Dichloropropene	8.216	75	3982	0.443	ug/l	94
37) Ethyl Acetate	7.416	43	3853	0.392	ug/l #	93
38) Carbon Tetrachloride	8.204	117	3827	0.429	ug/l #	88
39) Methylcyclohexane	9.457	83	4119	0.370	ug/l #	89
40) Benzene	8.451	78	11901	0.431	ug/l #	85

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071615.D
 Acq On : 28 Mar 2022 20:21
 Operator : JC\MD
 Sample : N1645-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 29 10:13:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 10:12:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.645	41	1527	0.319	ug/l #	84
42) 1,2-Dichloroethane	8.522	62	4904	0.514	ug/l	98
43) Isopropyl Acetate	8.563	43	11762	0.674	ug/l #	69
44) Trichloroethene	9.210	130	3192	0.440	ug/l	92
45) 1,2-Dichloropropane	9.486	63	2975	0.437	ug/l #	88
46) Dibromomethane	9.575	93	1873	0.402	ug/l #	83
47) Bromodichloromethane	9.757	83	3879	0.423	ug/l #	77
48) Methyl methacrylate	9.557	41	2753	0.388	ug/l	96
49) 1,4-Dioxane	9.563	88	1114	7.140	ug/l #	74
51) 4-Methyl-2-Pentanone	10.322	43	17090	1.771	ug/l	99
52) Toluene	10.504	92	7321	0.412	ug/l	92
53) t-1,3-Dichloropropene	10.710	75	3697	0.371	ug/l #	85
54) cis-1,3-Dichloropropene	10.186	75	3753	0.346	ug/l #	88
55) 1,1,2-Trichloroethane	10.892	97	3187	0.445	ug/l #	83
56) Ethyl methacrylate	10.757	69	3657	0.342	ug/l	96
57) 1,3-Dichloropropane	11.039	76	4928	0.413	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.034	63	3525	1.283	ug/l	94
59) 2-Hexanone	11.086	43	14295	2.071	ug/l	92
60) Dibromochloromethane	11.233	129	2436	0.340	ug/l	98
61) 1,2-Dibromoethane	11.339	107	2897	0.400	ug/l	92
64) Tetrachloroethene	10.975	164	2883	0.473	ug/l	87
65) Chlorobenzene	11.763	112	8636	0.470	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.839	131	2424	0.368	ug/l #	58
67) Ethyl Benzene	11.845	91	12983	0.409	ug/l	93
68) m/p-Xylenes	11.951	106	8983	0.745	ug/l	98
69) o-Xylene	12.275	106	4448	0.367	ug/l	98
70) Styrene	12.292	104	7024	0.380	ug/l	93
71) Bromoform	12.451	173	1696	0.327	ug/l #	86
73) Isopropylbenzene	12.575	105	10319	0.406	ug/l	96
74) N-amyl acetate	12.380	43	3818	0.495	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.822	83	4127	0.485	ug/l	97
76) 1,2,3-Trichloropropane	12.869	75	5322	0.763	ug/l	53
77) Bromobenzene	12.851	156	3168	0.495	ug/l	93
78) n-propylbenzene	12.916	91	12359	0.451	ug/l	99
79) 2-Chlorotoluene	12.998	91	7803	0.455	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	7859	0.392	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.622	75	870m	0.360	ug/l	
82) 4-Chlorotoluene	13.098	91	8018	0.501	ug/l	99
83) tert-Butylbenzene	13.316	119	7466	0.405	ug/l	93
84) 1,2,4-Trimethylbenzene	13.363	105	8181	0.416	ug/l	97
85) sec-Butylbenzene	13.498	105	8450	0.347	ug/l	99
86) p-Isopropyltoluene	13.610	119	6696	0.346	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	5763	0.558	ug/l	93
88) 1,4-Dichlorobenzene	13.692	146	5953m	0.581	ug/l	
89) n-Butylbenzene	13.939	91	6362	0.435	ug/l	95
90) Hexachloroethane	14.204	117	1584	0.436	ug/l	82
91) 1,2-Dichlorobenzene	13.986	146	5361	0.530	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.592	75	608	0.413	ug/l	88
93) 1,2,4-Trichlorobenzene	15.263	180	2283	0.511	ug/l	96
94) Hexachlorobutadiene	15.368	225	1183	0.420	ug/l	93
95) Naphthalene	15.498	128	5721	0.470	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.692	180	2406	0.538	ug/l	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
Data File : VN071615.D
Acq On : 28 Mar 2022 20:21
Operator : JC\MD
Sample : N1645-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

Quant Time: Mar 29 10:13:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 29 10:12:32 2022
Response via : Initial Calibration

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

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

