

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071453.D
 Acq On : 22 Mar 2022 06:09
 Operator : JC\MD
 Sample : N2015-07MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MS

Quant Time: Mar 22 08:08:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	571237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	949603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	883899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	365185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	369443	47.189	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.380%		
35) Dibromofluoromethane	8.016	113	278921	46.546	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.100%		
50) Toluene-d8	10.439	98	1083337	44.902	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.800%		
62) 4-Bromofluorobenzene	12.727	95	442958	54.218	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	248367	39.671	ug/l	98
3) Chloromethane	2.299	50	357475	42.526	ug/l	98
4) Vinyl Chloride	2.440	62	340337	44.358	ug/l	96
5) Bromomethane	2.816	94	146759	41.864	ug/l	100
6) Chloroethane	2.993	64	178356	38.386	ug/l	99
7) Trichlorofluoromethane	3.357	101	455658	45.121	ug/l	96
8) Diethyl Ether	3.822	74	205585	47.574	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.204	101	270118	46.206	ug/l	94
10) Methyl Iodide	4.416	142	358486	43.416	ug/l	98
11) Tert butyl alcohol	5.369	59	413803	269.056	ug/l	99
12) 1,1-Dichloroethene	4.175	96	261227	45.615	ug/l	94
13) Acrolein	4.034	56	318725	195.792	ug/l	99
14) Allyl chloride	4.834	41	576083	46.250	ug/l #	85
15) Acrylonitrile	5.546	53	1161222	254.278	ug/l	99
16) Acetone	4.281	43	989989	259.884	ug/l	97
17) Carbon Disulfide	4.522	76	618732	37.950	ug/l	98
18) Methyl Acetate	4.846	43	507905	49.649	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	1193849	55.524	ug/l	95
20) Methylene Chloride	5.087	84	333201	47.875	ug/l	89
21) trans-1,2-Dichloroethene	5.593	96	283005	45.179	ug/l	91
22) Diisopropyl ether	6.493	45	1247006	50.817	ug/l	89
23) Vinyl Acetate	6.428	43	4840596	233.009	ug/l	97
24) 1,1-Dichloroethane	6.381	63	629093	48.516	ug/l	99
25) 2-Butanone	7.328	43	1619391	263.899	ug/l	94
26) 2,2-Dichloropropane	7.316	77	373914	37.378	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	358388	48.206	ug/l	92
28) Bromochloromethane	7.651	49	254225	44.027	ug/l #	82
29) Tetrahydrofuran	7.681	42	1085136	255.256	ug/l	90
30) Chloroform	7.810	83	602701	48.733	ug/l	99
31) Cyclohexane	8.092	56	546504	43.712	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	508441	48.264	ug/l	97
36) 1,1-Dichloropropene	8.216	75	427647	44.542	ug/l	96
37) Ethyl Acetate	7.404	43	583348	44.148	ug/l	98
38) Carbon Tetrachloride	8.198	117	425727	45.843	ug/l	99
39) Methylcyclohexane	9.457	83	506051	44.804	ug/l	93
40) Benzene	8.457	78	1350574	46.689	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071453.D
 Acq On : 22 Mar 2022 06:09
 Operator : JC\MD
 Sample : N2015-07MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MS

Quant Time: Mar 22 08:08:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	312362	48.306	ug/l	91
42) 1,2-Dichloroethane	8.528	62	500253	49.696	ug/l	99
43) Isopropyl Acetate	8.551	43	934605	47.299	ug/l	96
44) Trichloroethene	9.210	130	315106	46.167	ug/l	94
45) 1,2-Dichloropropane	9.486	63	373074	48.044	ug/l	96
46) Dibromomethane	9.575	93	232247	48.593	ug/l	96
47) Bromodichloromethane	9.757	83	472661	48.936	ug/l	98
48) Methyl methacrylate	9.557	41	485652	53.037	ug/l #	81
49) 1,4-Dioxane	9.563	88	171422	1076.999	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	3281849	267.627	ug/l	100
52) Toluene	10.498	92	842054	47.273	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	503354	47.275	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	541874	46.578	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	348654	48.846	ug/l	99
56) Ethyl methacrylate	10.757	69	607536	52.120	ug/l	91
57) 1,3-Dichloropropane	11.039	76	621676	48.523	ug/l	99
59) 2-Hexanone	11.080	43	2387702	285.371	ug/l	99
60) Dibromochloromethane	11.233	129	355664	50.150	ug/l	100
61) 1,2-Dibromoethane	11.339	107	352599	48.334	ug/l	99
64) Tetrachloroethene	10.975	164	260719	42.293	ug/l	98
65) Chlorobenzene	11.763	112	890256	46.899	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	334068	47.996	ug/l	100
67) Ethyl Benzene	11.839	91	1627452	48.490	ug/l	98
68) m/p-Xylenes	11.951	106	1218386	99.231	ug/l	97
69) o-Xylene	12.275	106	615881	50.040	ug/l	97
70) Styrene	12.292	104	999599	52.468	ug/l	97
71) Bromoform	12.451	173	271556	51.375	ug/l #	100
73) Isopropylbenzene	12.575	105	1596714	45.357	ug/l	100
74) N-amyl acetate	12.380	43	620487	46.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	554686	53.187	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	429031m	48.382	ug/l	
77) Bromobenzene	12.857	156	370329	45.113	ug/l	80
78) n-propylbenzene	12.916	91	1769685	46.847	ug/l	97
79) 2-Chlorotoluene	13.004	91	1094890	45.152	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1278815	46.692	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	154736	45.804	ug/l	91
82) 4-Chlorotoluene	13.098	91	1032112	47.784	ug/l	94
83) tert-Butylbenzene	13.322	119	1173273	48.002	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	1253791	47.793	ug/l	99
85) sec-Butylbenzene	13.498	105	1581030	48.666	ug/l	99
86) p-Isopropyltoluene	13.610	119	1250511	48.945	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	610727	45.788	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	586789	45.006	ug/l	98
89) n-Butylbenzene	13.939	91	944241	47.252	ug/l	96
90) Hexachloroethane	14.204	117	235548	46.360	ug/l	90
91) 1,2-Dichlorobenzene	13.980	146	596326	46.504	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	103342	50.454	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	268901	45.234	ug/l	98
94) Hexachlorobutadiene	15.363	225	158224	43.953	ug/l	99
95) Naphthalene	15.504	128	867287	51.623	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	279875	48.880	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
Data File : VN071453.D
Acq On : 22 Mar 2022 06:09
Operator : JC\MD
Sample : N2015-07MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/22/2022
Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 08:08:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

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

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

