

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073818.D
 Acq On : 11 Aug 2022 12:21
 Operator : JC\MD
 Sample : VN0811WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

Quant Time: Aug 12 05:59:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/12/2022
 Supervised By : Mahesh Dadoda 08/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	355602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	566350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	516373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	248684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	218701	50.467	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.940%			
35) Dibromofluoromethane	7.951	113	187825	52.814	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.620%			
50) Toluene-d8	10.380	98	688505	49.198	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.400%			
62) 4-Bromofluorobenzene	12.668	95	222584	45.565	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	60713	17.603	ug/l	98
3) Chloromethane	2.269	50	78481	17.293	ug/l	99
4) Vinyl Chloride	2.404	62	93382	15.480	ug/l	97
5) Bromomethane	2.799	94	83653	23.911	ug/l	99
6) Chloroethane	2.963	64	70953	18.841	ug/l	97
7) Trichlorofluoromethane	3.316	101	112567	18.107	ug/l	95
8) Diethyl Ether	3.763	74	46420	19.886	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.140	101	69175	20.112	ug/l	98
10) Methyl Iodide	4.345	142	64157	18.348	ug/l	98
11) Tert butyl alcohol	5.287	59	97647	104.480	ug/l	99
12) 1,1-Dichloroethene	4.116	96	61392	18.196	ug/l	96
13) Acrolein	3.981	56	62150	67.076	ug/l	94
14) Allyl chloride	4.757	41	100486	18.629	ug/l	98
15) Acrylonitrile	5.469	53	268985	104.045	ug/l	100
16) Acetone	4.222	43	227735	97.841	ug/l	99
17) Carbon Disulfide	4.451	76	142125	15.887	ug/l	99
18) Methyl Acetate	4.769	43	137785	23.794	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	246072	21.349	ug/l	100
20) Methylene Chloride	5.010	84	85031	21.318	ug/l	98
21) trans-1,2-Dichloroethene	5.516	96	68754	18.825	ug/l	95
22) Diisopropyl ether	6.410	45	235668	20.251	ug/l #	95
23) Vinyl Acetate	6.351	43	995402	102.021	ug/l	98
24) 1,1-Dichloroethane	6.304	63	136709	19.095	ug/l	99
25) 2-Butanone	7.257	43	367414	101.644	ug/l	100
26) 2,2-Dichloropropane	7.245	77	107423	19.502	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	88947	19.767	ug/l	96
28) Bromochloromethane	7.581	49	58882	19.588	ug/l	100
29) Tetrahydrofuran	7.610	42	236026	103.275	ug/l	99
30) Chloroform	7.745	83	150500	20.176	ug/l	99
31) Cyclohexane	8.022	56	111780	17.325	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	123406	19.925	ug/l	99
36) 1,1-Dichloropropene	8.151	75	98199	19.374	ug/l	98
37) Ethyl Acetate	7.339	43	140246	21.010	ug/l	97
38) Carbon Tetrachloride	8.133	117	104326	20.266	ug/l	94
39) Methylcyclohexane	9.392	83	113482	18.736	ug/l	99
40) Benzene	8.392	78	326131	19.814	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073818.D
 Acq On : 11 Aug 2022 12:21
 Operator : JC\MD
 Sample : VN0811WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/12/2022
 Supervised By : Mahesh Dadoda 08/12/2022

Quant Time: Aug 12 05:59:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	65731	21.761	ug/l	96
42) 1,2-Dichloroethane	8.463	62	115759	20.868	ug/l	99
43) Isopropyl Acetate	8.492	43	191122	21.198	ug/l	99
44) Trichloroethene	9.151	130	83509	20.007	ug/l	98
45) 1,2-Dichloropropane	9.422	63	85760	20.846	ug/l	98
46) Dibromomethane	9.516	93	59600	20.873	ug/l	97
47) Bromodichloromethane	9.698	83	116772	21.308	ug/l	99
48) Methyl methacrylate	9.498	41	84553	21.424	ug/l	91
49) 1,4-Dioxane	9.504	88	47727	429.010	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	708240	109.521	ug/l	100
52) Toluene	10.445	92	204189	20.310	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	116116	21.448	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	130317	21.360	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	92310	22.019	ug/l	94
56) Ethyl methacrylate	10.704	69	130680	22.616	ug/l	98
57) 1,3-Dichloropropane	10.986	76	149010	20.949	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	264183	92.906	ug/l	98
59) 2-Hexanone	11.027	43	541378	110.498	ug/l	100
60) Dibromochloromethane	11.180	129	94567	22.674	ug/l	99
61) 1,2-Dibromoethane	11.286	107	94390	21.861	ug/l	98
64) Tetrachloroethene	10.916	164	79037	19.260	ug/l	97
65) Chlorobenzene	11.710	112	223087	20.340	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	86170	21.904	ug/l	99
67) Ethyl Benzene	11.786	91	374922	20.262	ug/l	98
68) m/p-Xylenes	11.892	106	295477	41.868	ug/l	99
69) o-Xylene	12.221	106	147390	21.422	ug/l	98
70) Styrene	12.233	104	242379	22.006	ug/l	98
71) Bromoform	12.398	173	73654	22.682	ug/l #	97
73) Isopropylbenzene	12.521	105	373681	20.527	ug/l	100
74) N-amyl acetate	12.327	43	146099	21.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	145715	20.743	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	104024m	20.962	ug/l	
77) Bromobenzene	12.798	156	97425	20.551	ug/l	98
78) n-propylbenzene	12.857	91	413266	20.176	ug/l	99
79) 2-Chlorotoluene	12.945	91	259659	20.311	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	314609	21.000	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	39073	20.362	ug/l	99
82) 4-Chlorotoluene	13.045	91	246060	20.308	ug/l	98
83) tert-Butylbenzene	13.263	119	269220	20.289	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	316675	21.497	ug/l	97
85) sec-Butylbenzene	13.439	105	366949	20.008	ug/l	99
86) p-Isopropyltoluene	13.557	119	305430	21.126	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	173159	20.011	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	174281	20.129	ug/l	98
89) n-Butylbenzene	13.880	91	231490	19.678	ug/l	98
90) Hexachloroethane	14.151	117	57957	20.205	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	180947	20.635	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	30863	21.867	ug/l	93
93) 1,2,4-Trichlorobenzene	15.198	180	93747	21.529	ug/l	97
94) Hexachlorobutadiene	15.298	225	49574	20.941	ug/l	99
95) Naphthalene	15.433	128	310797	21.994	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	101105	22.061	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
Data File : VN073818.D
Acq On : 11 Aug 2022 12:21
Operator : JC\MD
Sample : VN0811WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 08/12/2022
Supervised By : Mahesh Dadoda 08/12/2022

Quant Time: Aug 12 05:59:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration

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

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

