

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074341.D
 Acq On : 04 Sep 2022 01:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/06/2022
 Supervised By : Mahesh Dadoda 09/07/2022

Quant Time: Sep 05 05:44:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	309910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	588548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	567968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	262001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	244054	50.519	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.040%			
35) Dibromofluoromethane	7.951	113	192508	49.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.720%			
50) Toluene-d8	10.380	98	805820	52.399	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.800%			
62) 4-Bromofluorobenzene	12.669	95	266775	47.555	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	152544	51.976	ug/l	96
3) Chloromethane	2.269	50	166417	39.305	ug/l	95
4) Vinyl Chloride	2.405	62	353984	44.928	ug/l	96
5) Bromomethane	2.793	94	148711	28.077	ug/l	97
6) Chloroethane	2.957	64	290228	46.773	ug/l	96
7) Trichlorofluoromethane	3.316	101	264421	47.484	ug/l	97
8) Diethyl Ether	3.769	74	111355	49.111	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.140	101	154024	45.611	ug/l	92
10) Methyl Iodide	4.351	142	63881	29.161	ug/l	89
11) Tert butyl alcohol	5.287	59	221182	252.363	ug/l	100
12) 1,1-Dichloroethene	4.116	96	145805	47.796	ug/l	100
13) Acrolein	3.981	56	133825	226.863	ug/l	97
14) Allyl chloride	4.763	41	238088	48.533	ug/l	89
15) Acrylonitrile	5.469	53	617534	256.194	ug/l	98
16) Acetone	4.216	43	507206	251.216	ug/l	96
17) Carbon Disulfide	4.457	76	385020	50.539	ug/l	100
18) Methyl Acetate	4.775	43	289871	47.704	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	625725	51.749	ug/l	99
20) Methylene Chloride	5.016	84	193549	52.130	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	177280	50.701	ug/l	98
22) Diisopropyl ether	6.404	45	653108	56.707	ug/l	90
23) Vinyl Acetate	6.351	43	2797198	279.427	ug/l	100
24) 1,1-Dichloroethane	6.310	63	348540	50.241	ug/l	98
25) 2-Butanone	7.257	43	911887	267.463	ug/l	98
26) 2,2-Dichloropropane	7.245	77	210944	37.426	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	219659	49.386	ug/l	98
28) Bromochloromethane	7.587	49	121469	50.514	ug/l	83
29) Tetrahydrofuran	7.610	42	600464	276.027	ug/l	99
30) Chloroform	7.745	83	415266	54.113	ug/l	97
31) Cyclohexane	8.022	56	313555	48.597	ug/l	98
32) 1,1,1-Trichloroethane	7.945	97	342190	53.760	ug/l	98
36) 1,1-Dichloropropene	8.145	75	281248	50.811	ug/l	97
37) Ethyl Acetate	7.339	43	358230	49.483	ug/l	97
38) Carbon Tetrachloride	8.134	117	287786	51.465	ug/l	95
39) Methylcyclohexane	9.398	83	338037	50.687	ug/l	95
40) Benzene	8.392	78	904158	51.779	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074341.D
 Acq On : 04 Sep 2022 01:03
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/06/2022
 Supervised By : Mahesh Dadoda 09/07/2022

Quant Time: Sep 05 05:44:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	153140	47.033	ug/l	96
42) 1,2-Dichloroethane	8.463	62	335018	51.577	ug/l	98
43) Isopropyl Acetate	8.492	43	555134	52.768	ug/l	97
44) Trichloroethene	9.151	130	205065	49.347	ug/l	89
45) 1,2-Dichloropropane	9.428	63	228541	52.616	ug/l	96
46) Dibromomethane	9.510	93	169022	51.033	ug/l #	85
47) Bromodichloromethane	9.698	83	323135	53.207	ug/l	98
48) Methyl methacrylate	9.498	41	238763	51.643	ug/l #	86
49) 1,4-Dioxane	9.504	88	117752	989.613	ug/l	91
51) 4-Methyl-2-Pentanone	10.269	43	1991067	270.547	ug/l	96
52) Toluene	10.445	92	611640	56.682	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	331551	53.620	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	343052	50.568	ug/l	93
55) 1,1,2-Trichloroethane	10.839	97	252012	54.433	ug/l	95
56) Ethyl methacrylate	10.704	69	416786	60.468	ug/l #	94
57) 1,3-Dichloropropane	10.986	76	424000	53.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	862113	255.670	ug/l	95
59) 2-Hexanone	11.027	43	1577721	283.260	ug/l	96
60) Dibromochloromethane	11.180	129	251515	54.741	ug/l	100
61) 1,2-Dibromoethane	11.286	107	259601	55.967	ug/l	99
64) Tetrachloroethene	10.916	164	177461	49.703	ug/l	89
65) Chlorobenzene	11.710	112	632205	50.709	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	230983	50.068	ug/l	99
67) Ethyl Benzene	11.786	91	1204476	52.625	ug/l	98
68) m/p-Xylenes	11.892	106	885271	103.614	ug/l	92
69) o-Xylene	12.222	106	446501	52.361	ug/l	96
70) Styrene	12.233	104	761335	55.755	ug/l	99
71) Bromoform	12.398	173	177516	53.132	ug/l	99
73) Isopropylbenzene	12.516	105	1181061	51.479	ug/l	98
74) N-amyl acetate	12.327	43	524757	53.630	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.769	83	433909	50.973	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	347376m	46.814	ug/l	
77) Bromobenzene	12.798	156	250285	49.145	ug/l	83
78) n-propylbenzene	12.857	91	1403609	53.523	ug/l	96
79) 2-Chlorotoluene	12.945	91	814369	50.579	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	977651	53.147	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	99747	43.637	ug/l	92
82) 4-Chlorotoluene	13.045	91	780056	51.606	ug/l	99
83) tert-Butylbenzene	13.263	119	850922	50.967	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	963591	51.712	ug/l	96
85) sec-Butylbenzene	13.439	105	1227726	52.672	ug/l	97
86) p-Isopropyltoluene	13.557	119	980197	53.981	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	473917	50.834	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	464093	49.941	ug/l	98
89) n-Butylbenzene	13.880	91	836860	52.827	ug/l	96
90) Hexachloroethane	14.145	117	159754	45.228	ug/l	79
91) 1,2-Dichlorobenzene	13.927	146	487501	49.885	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	86843	46.995	ug/l	87
93) 1,2,4-Trichlorobenzene	15.198	180	234101	48.414	ug/l	99
94) Hexachlorobutadiene	15.298	225	103187	50.948	ug/l	98
95) Naphthalene	15.433	128	935760	49.358	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	246449	50.005	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
Data File : VN074341.D
Acq On : 04 Sep 2022 01:03
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

Quant Time: Sep 05 05:44:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 03 04:35:33 2022
Response via : Initial Calibration

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

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

