

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076674.D
 Acq On : 14 Feb 2023 20:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 15 03:19:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2023
 Supervised By : Mahesh Dadoda 02/15/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	340282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	619975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	581242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	298251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	251873	53.604	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.200%			
35) Dibromofluoromethane	8.172	113	199597	49.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.320%			
50) Toluene-d8	10.572	98	799064	52.699	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.400%			
62) 4-Bromofluorobenzene	12.854	95	279883	55.732	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	174143	48.196	ug/l	97
3) Chloromethane	2.378	50	208164	44.158	ug/l	97
4) Vinyl Chloride	2.525	62	230235	49.625	ug/l	98
5) Bromomethane	2.943	94	135151	48.076	ug/l	88
6) Chloroethane	3.119	64	153075	52.207	ug/l	98
7) Trichlorofluoromethane	3.507	101	291832	46.230	ug/l	97
8) Diethyl Ether	3.972	74	118268	48.620	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.378	101	175039	47.191	ug/l	99
10) Methyl Iodide	4.601	142	238332	52.031	ug/l	96
11) Tert butyl alcohol	5.537	59	161722	260.747	ug/l	98
12) 1,1-Dichloroethene	4.354	96	165749	47.191	ug/l	98
13) Acrolein	4.190	56	233385	250.642	ug/l	99
14) Allyl chloride	5.037	41	337464	55.451	ug/l	90
15) Acrylonitrile	5.731	53	553648	251.528	ug/l	99
16) Acetone	4.443	43	443429	211.268	ug/l	98
17) Carbon Disulfide	4.725	76	438280	47.261	ug/l	95
18) Methyl Acetate	5.043	43	348630	50.887	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	626901	52.940	ug/l	97
20) Methylene Chloride	5.284	84	209501	47.626	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	185559	46.933	ug/l	91
22) Diisopropyl ether	6.684	45	778709	54.554	ug/l	98
23) Vinyl Acetate	6.613	43	2502950	296.364	ug/l	98
24) 1,1-Dichloroethane	6.578	63	380256	48.607	ug/l	97
25) 2-Butanone	7.489	43	752566	243.075	ug/l	99
26) 2,2-Dichloropropane	7.501	77	274433	48.635	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	231050	49.270	ug/l	97
28) Bromochloromethane	7.819	49	188363	50.590	ug/l	94
29) Tetrahydrofuran	7.842	42	513424	253.819	ug/l	99
30) Chloroform	7.972	83	393336	50.323	ug/l	99
31) Cyclohexane	8.266	56	358587	48.650	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	337318	51.328	ug/l	99
36) 1,1-Dichloropropene	8.378	75	288502	49.181	ug/l	99
37) Ethyl Acetate	7.566	43	318343	51.578	ug/l	98
38) Carbon Tetrachloride	8.372	117	283941	47.982	ug/l	98
39) Methylcyclohexane	9.607	83	340576	51.076	ug/l	95
40) Benzene	8.613	78	898362	49.869	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076674.D
 Acq On : 14 Feb 2023 20:36
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2023
 Supervised By : Mahesh Dadoda 02/15/2023

Quant Time: Feb 15 03:19:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	182884	51.149	ug/l	98
42) 1,2-Dichloroethane	8.678	62	304985	48.542	ug/l	99
43) Isopropyl Acetate	8.695	43	533676	53.138	ug/l	99
44) Trichloroethene	9.354	130	207887	48.834	ug/l	98
45) 1,2-Dichloropropane	9.625	63	241056	50.549	ug/l	99
46) Dibromomethane	9.713	93	149356	48.990	ug/l	97
47) Bromodichloromethane	9.889	83	310487	50.797	ug/l	93
48) Methyl methacrylate	9.683	41	248869	52.220	ug/l	98
49) 1,4-Dioxane	9.695	88	87411	1060.310	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	1659585	259.716	ug/l	100
52) Toluene	10.630	92	575038	52.871	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	324635	55.026	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	354398	52.078	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	220892	49.946	ug/l	97
56) Ethyl methacrylate	10.877	69	349073	56.075	ug/l	96
57) 1,3-Dichloropropane	11.166	76	389098	51.209	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	772303	270.891	ug/l	98
59) 2-Hexanone	11.195	43	1204047	261.328	ug/l	99
60) Dibromochloromethane	11.360	129	238342	51.134	ug/l	100
61) 1,2-Dibromoethane	11.472	107	222371	50.233	ug/l	97
64) Tetrachloroethene	11.107	164	175342	47.869	ug/l	98
65) Chlorobenzene	11.895	112	605361	49.144	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	215043	48.062	ug/l	96
67) Ethyl Benzene	11.966	91	1096655	52.257	ug/l	99
68) m/p-Xylenes	12.071	106	859767	106.286	ug/l	98
69) o-Xylene	12.401	106	423757	53.714	ug/l	99
70) Styrene	12.413	104	704360	55.212	ug/l	99
71) Bromoform	12.583	173	168913	51.467	ug/l #	99
73) Isopropylbenzene	12.695	105	1107152	50.646	ug/l	100
74) N-amyl acetate	12.495	43	493198	50.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	348211	44.005	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	283819m	47.069	ug/l	
77) Bromobenzene	12.983	156	259563	47.590	ug/l	98
78) n-propylbenzene	13.036	91	1326103	51.659	ug/l	100
79) 2-Chlorotoluene	13.124	91	752365	47.868	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	922572	51.065	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	101778	49.162	ug/l	87
82) 4-Chlorotoluene	13.124	91	752365	47.868	ug/l	100
83) tert-Butylbenzene	13.442	119	831937	50.903	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	934431	51.897	ug/l	99
85) sec-Butylbenzene	13.618	105	1192675	52.268	ug/l	100
86) p-Isopropyltoluene	13.730	119	979261	53.743	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	492258	47.745	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	487672	47.499	ug/l	99
89) n-Butylbenzene	14.060	91	852153	53.771	ug/l	99
90) Hexachloroethane	14.336	117	179763	47.118	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	504029	47.686	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	64166	41.855	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	279466	53.005	ug/l	98
94) Hexachlorobutadiene	15.507	225	122550	47.425	ug/l	99
95) Naphthalene	15.642	128	872733	54.548	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	261433	51.181	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
Data File : VN076674.D
Acq On : 14 Feb 2023 20:36
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

Quant Time: Feb 15 03:19:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
Data File : VN076674.D
Acq On : 14 Feb 2023 20:36
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 15 03:19:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

