

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022723\
 Data File : VN076814.D
 Acq On : 27 Feb 2023 09:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 01:49:23 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 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	289096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	505554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	489734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	264135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	213923	53.588	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.180%			
35) Dibromofluoromethane	8.172	113	166847	50.395	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.800%			
50) Toluene-d8	10.566	98	678476	54.874	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.740%			
62) 4-Bromofluorobenzene	12.848	95	245876	60.042	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	125503	40.884	ug/l	100
3) Chloromethane	2.378	50	162038	40.459	ug/l	99
4) Vinyl Chloride	2.531	62	169850	43.091	ug/l	98
5) Bromomethane	2.954	94	105117	44.013	ug/l	99
6) Chloroethane	3.125	64	123968	49.766	ug/l	95
7) Trichlorofluoromethane	3.507	101	230460	42.972	ug/l	93
8) Diethyl Ether	3.978	74	96705	46.795	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	146252	46.411	ug/l	97
10) Methyl Iodide	4.596	142	187529	48.189	ug/l	99
11) Tert butyl alcohol	5.531	59	123951	235.232	ug/l	99
12) 1,1-Dichloroethene	4.354	96	128424	43.038	ug/l	92
13) Acrolein	4.190	56	147812	186.847	ug/l	97
14) Allyl chloride	5.037	41	243922	47.177	ug/l	98
15) Acrylonitrile	5.725	53	445273	238.109	ug/l	98
16) Acetone	4.437	43	474008	265.822	ug/l	98
17) Carbon Disulfide	4.719	76	315622	40.061	ug/l	99
18) Methyl Acetate	5.037	43	280083	48.120	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	512164	50.909	ug/l	97
20) Methylene Chloride	5.284	84	163784	43.825	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	147742	43.984	ug/l	88
22) Diisopropyl ether	6.678	45	655643	54.065	ug/l	97
23) Vinyl Acetate	6.613	43	2073330	288.961	ug/l	96
24) 1,1-Dichloroethane	6.578	63	321145	48.320	ug/l	98
25) 2-Butanone	7.484	43	665149	252.878	ug/l	99
26) 2,2-Dichloropropane	7.495	77	249033	51.948	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	189786	47.637	ug/l	95
28) Bromochloromethane	7.819	49	179867	56.862	ug/l	90
29) Tetrahydrofuran	7.842	42	433268	252.117	ug/l	99
30) Chloroform	7.972	83	330007	49.696	ug/l	100
31) Cyclohexane	8.260	56	288391	46.054	ug/l	99
32) 1,1,1-Trichloroethane	8.178	97	276094	49.450	ug/l	96
36) 1,1-Dichloropropene	8.372	75	238912	49.945	ug/l	97
37) Ethyl Acetate	7.566	43	264683	52.590	ug/l	98
38) Carbon Tetrachloride	8.366	117	236333	48.975	ug/l	98
39) Methylcyclohexane	9.601	83	282656	51.984	ug/l	92
40) Benzene	8.613	78	748806	50.974	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022723\
 Data File : VN076814.D
 Acq On : 27 Feb 2023 09:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 01:49:23 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 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	145932	50.051	ug/l	95
42) 1,2-Dichloroethane	8.672	62	263868	51.503	ug/l	99
43) Isopropyl Acetate	8.689	43	440838	53.828	ug/l	99
44) Trichloroethene	9.354	130	167777	48.332	ug/l	86
45) 1,2-Dichloropropane	9.625	63	202036	51.955	ug/l	98
46) Dibromomethane	9.713	93	130807	52.616	ug/l	94
47) Bromodichloromethane	9.889	83	270528	54.276	ug/l #	94
48) Methyl methacrylate	9.683	41	213427	54.919	ug/l	96
49) 1,4-Dioxane	9.695	88	67458	1003.476	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	1409705	270.541	ug/l	99
52) Toluene	10.630	92	486408	54.844	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	284924	59.226	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	309232	55.726	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	193580	53.677	ug/l	97
56) Ethyl methacrylate	10.877	69	288940	56.920	ug/l	94
57) 1,3-Dichloropropane	11.166	76	335820	54.201	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.160	63	622330	267.691	ug/l	98
59) 2-Hexanone	11.195	43	1057120	281.368	ug/l	99
60) Dibromochloromethane	11.360	129	209101	55.014	ug/l	99
61) 1,2-Dibromoethane	11.472	107	190011	52.638	ug/l	97
64) Tetrachloroethene	11.101	164	143004	46.336	ug/l	95
65) Chlorobenzene	11.895	112	510927	49.228	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	194451	51.580	ug/l	99
67) Ethyl Benzene	11.966	91	950138	53.735	ug/l	99
68) m/p-Xylenes	12.072	106	741318	108.767	ug/l	95
69) o-Xylene	12.401	106	367448	55.279	ug/l	97
70) Styrene	12.413	104	624471	58.096	ug/l	99
71) Bromoform	12.577	173	147104	53.197	ug/l #	98
73) Isopropylbenzene	12.701	105	967809	49.990	ug/l	99
74) N-amyl acetate	12.495	43	404947	46.405	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	307774	43.918	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	207247m	38.810	ug/l	
77) Bromobenzene	12.983	156	219522	45.447	ug/l	97
78) n-propylbenzene	13.036	91	1193071	52.480	ug/l	99
79) 2-Chlorotoluene	13.124	91	682169	49.007	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	824364	51.523	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	93136	50.798	ug/l	95
82) 4-Chlorotoluene	13.124	91	682169	49.007	ug/l	98
83) tert-Butylbenzene	13.442	119	734194	50.724	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	846657	53.096	ug/l	99
85) sec-Butylbenzene	13.618	105	1084625	53.673	ug/l	97
86) p-Isopropyltoluene	13.730	119	899460	55.740	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	452002	49.503	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	445332	48.977	ug/l	99
89) n-Butylbenzene	14.060	91	784654	55.907	ug/l	99
90) Hexachloroethane	14.336	117	166734	49.348	ug/l	92
91) 1,2-Dichlorobenzene	14.107	146	446652	47.716	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	55743	41.057	ug/l	93
93) 1,2,4-Trichlorobenzene	15.395	180	226028	48.407	ug/l	99
94) Hexachlorobutadiene	15.501	225	105661	46.170	ug/l	96
95) Naphthalene	15.642	128	686109	48.422	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	216904	47.948	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022723\
Data File : VN076814.D
Acq On : 27 Feb 2023 09:42
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 01:49:23 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\VN022723\
 Data File : VN076814.D
 Acq On : 27 Feb 2023 09:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 01:49:23 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

