

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062623\
 Data File : VN078409.D
 Acq On : 26 Jun 2023 18:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 27 02:19:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2023
 Supervised By : Mahesh Dadoda 06/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	404416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	709107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	633570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	258240	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	279669	51.866	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.740%	
35) Dibromofluoromethane	8.177	113	243315	54.268	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.540%	
50) Toluene-d8	10.570	98	894341	51.742	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	12.853	95	294606	54.827	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	180984	39.590	ug/l	94
3) Chloromethane	2.371	50	227992	53.126	ug/l	94
4) Vinyl Chloride	2.518	62	327795	54.759	ug/l	99
5) Bromomethane	2.942	94	247503	54.709	ug/l	96
6) Chloroethane	3.112	64	230021	56.368	ug/l	98
7) Trichlorofluoromethane	3.494	101	385626	47.504	ug/l	95
8) Diethyl Ether	3.971	74	135530	47.516	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	218660	51.040	ug/l	97
10) Methyl Iodide	4.600	142	299149	49.376	ug/l	93
11) Tert butyl alcohol	5.536	59	184761	248.155	ug/l	100
12) 1,1-Dichloroethene	4.347	96	208095	47.121	ug/l	84
13) Acrolein	4.189	56	245650	299.362	ug/l	96
14) Allyl chloride	5.036	41	274585	50.935	ug/l	92
15) Acrylonitrile	5.730	53	529498	275.847	ug/l	99
16) Acetone	4.441	43	404952	260.915	ug/l	98
17) Carbon Disulfide	4.718	76	541407	47.630	ug/l	97
18) Methyl Acetate	5.041	43	368315	51.545	ug/l	92
19) Methyl tert-butyl Ether	5.812	73	710929	50.455	ug/l	99
20) Methylene Chloride	5.283	84	250160	48.776	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	235522	49.446	ug/l	89
22) Diisopropyl ether	6.683	45	686855	54.166	ug/l #	94
23) Vinyl Acetate	6.618	43	2060957	273.412	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	439585	52.550	ug/l	97
25) 2-Butanone	7.494	43	663466	277.983	ug/l	88
26) 2,2-Dichloropropane	7.500	77	362484	58.687	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	279906	49.265	ug/l	94
28) Bromochloromethane	7.818	49	205137	53.410	ug/l	91
29) Tetrahydrofuran	7.847	42	440854	276.305	ug/l	85
30) Chloroform	7.977	83	472040	52.404	ug/l	94
31) Cyclohexane	8.265	56	337060	48.730	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	426549	53.938	ug/l	98
36) 1,1-Dichloropropene	8.377	75	340147	52.890	ug/l	99
37) Ethyl Acetate	7.571	43	288127	57.350	ug/l #	95
38) Carbon Tetrachloride	8.371	117	370929	54.623	ug/l	98
39) Methylcyclohexane	9.606	83	310690	46.616	ug/l	91
40) Benzene	8.612	78	1041828	54.262	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062623\
 Data File : VN078409.D
 Acq On : 26 Jun 2023 18:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2023
 Supervised By : Mahesh Dadoda 06/27/2023

Quant Time: Jun 27 02:19:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	139177	51.108	ug/l	93
42) 1,2-Dichloroethane	8.682	62	357574	54.318	ug/l	97
43) Isopropyl Acetate	8.700	43	498328	51.865	ug/l	94
44) Trichloroethene	9.359	130	267184	52.694	ug/l	98
45) 1,2-Dichloropropane	9.629	63	264255	55.319	ug/l	99
46) Dibromomethane	9.718	93	191631	54.463	ug/l	97
47) Bromodichloromethane	9.894	83	378902	57.974	ug/l	96
48) Methyl methacrylate	9.688	41	222958	55.295	ug/l	91
49) 1,4-Dioxane	9.706	88	95378	1125.442	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	1469749	290.487	ug/l	94
52) Toluene	10.635	92	658461	54.319	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	387428	56.919	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	422724	56.182	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	261115	56.941	ug/l	98
56) Ethyl methacrylate	10.882	69	378402	56.671	ug/l	93
57) 1,3-Dichloropropane	11.170	76	438772	56.685	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	701966	260.242	ug/l	93
59) 2-Hexanone	11.200	43	1039289	295.005	ug/l	92
60) Dibromochloromethane	11.365	129	288496	57.493	ug/l	99
61) 1,2-Dibromoethane	11.476	107	264500	54.963	ug/l	99
64) Tetrachloroethene	11.112	164	211155	49.957	ug/l	96
65) Chlorobenzene	11.900	112	695309	51.245	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	268299	53.763	ug/l	98
67) Ethyl Benzene	11.970	91	1233651	52.694	ug/l	100
68) m/p-Xylenes	12.076	106	933779	104.657	ug/l	97
69) o-Xylene	12.406	106	461745	52.700	ug/l	97
70) Styrene	12.417	104	750257	54.391	ug/l	98
71) Bromoform	12.582	173	182629	56.708	ug/l #	99
73) Isopropylbenzene	12.700	105	1112254	45.547	ug/l	99
74) N-amyl acetate	12.500	43	395823	49.222	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	364737	54.526	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	290654m	47.610	ug/l	
77) Bromobenzene	12.988	156	262970	46.389	ug/l	98
78) n-propylbenzene	13.041	91	1245912	46.959	ug/l	100
79) 2-Chlorotoluene	13.129	91	789925	46.124	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	911535	46.105	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	105787m	53.238	ug/l	
82) 4-Chlorotoluene	13.229	91	755319	47.255	ug/l	98
83) tert-Butylbenzene	13.447	119	757898	44.100	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	910350	47.493	ug/l	99
85) sec-Butylbenzene	13.623	105	946518	42.078	ug/l	99
86) p-Isopropyltoluene	13.735	119	780031	42.732	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	444274	46.332	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	431588	46.645	ug/l	100
89) n-Butylbenzene	14.064	91	585153	40.641	ug/l	98
90) Hexachloroethane	14.341	117	144992	44.758	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	427966	45.667	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56501	46.711	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	131285	39.319	ug/l	98
94) Hexachlorobutadiene	15.505	225	71888	43.579	ug/l	98
95) Naphthalene	15.647	128	421287	37.509	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	147171	39.410	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062623\
Data File : VN078409.D
Acq On : 26 Jun 2023 18:01
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

Quant Time: Jun 27 02:19:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 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\VN062623\
Data File : VN078409.D
Acq On : 26 Jun 2023 18:01
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 27 02:19:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

