

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078315.D
 Acq On : 21 Jun 2023 11:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 22 04:45:14 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 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	353882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	639906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	557239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	274407	58.158	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.320%			
35) Dibromofluoromethane	8.171	113	231973	57.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.660%			
50) Toluene-d8	10.571	98	863705	55.373	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.740%			
62) 4-Bromofluorobenzene	12.853	95	276967	57.118	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	180196	45.046	ug/l	100
3) Chloromethane	2.371	50	199365	53.088	ug/l	94
4) Vinyl Chloride	2.524	62	292118	55.767	ug/l	96
5) Bromomethane	2.953	94	206742	52.225	ug/l	98
6) Chloroethane	3.124	64	205083	57.433	ug/l	96
7) Trichlorofluoromethane	3.506	101	456762	64.302	ug/l	99
8) Diethyl Ether	3.977	74	154276	61.812	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	229859	61.316	ug/l	98
10) Methyl Iodide	4.600	142	278325	52.499	ug/l	98
11) Tert butyl alcohol	5.524	59	159244	244.425	ug/l	99
12) 1,1-Dichloroethene	4.347	96	225086	58.246	ug/l	92
13) Acrolein	4.183	56	296080	412.344	ug/l	96
14) Allyl chloride	5.036	41	250506	53.104	ug/l	94
15) Acrylonitrile	5.730	53	485989	289.335	ug/l	99
16) Acetone	4.442	43	366012	269.501	ug/l	93
17) Carbon Disulfide	4.724	76	434289	43.662	ug/l	97
18) Methyl Acetate	5.030	43	351252	56.176	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	691308	56.069	ug/l	98
20) Methylene Chloride	5.289	84	230286	51.312	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	213837	51.305	ug/l	86
22) Diisopropyl ether	6.683	45	665648	59.989	ug/l	94
23) Vinyl Acetate	6.612	43	1937192	293.692	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	419349	57.289	ug/l	96
25) 2-Butanone	7.488	43	602525	288.499	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	340964	63.086	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	257533	51.800	ug/l	90
28) Bromochloromethane	7.818	49	204731	60.916	ug/l	89
29) Tetrahydrofuran	7.841	42	399930	286.450	ug/l	84
30) Chloroform	7.971	83	464782	58.966	ug/l	93
31) Cyclohexane	8.265	56	286778	47.381	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	400755	57.913	ug/l	96
36) 1,1-Dichloropropene	8.377	75	308332	53.128	ug/l	98
37) Ethyl Acetate	7.571	43	259571	57.253	ug/l	95
38) Carbon Tetrachloride	8.371	117	348381	56.851	ug/l	98
39) Methylcyclohexane	9.606	83	257798	42.863	ug/l #	87
40) Benzene	8.612	78	966410	55.778	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078315.D
 Acq On : 21 Jun 2023 11:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 22 04:45:14 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 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	142158	57.848	ug/l	93
42) 1,2-Dichloroethane	8.677	62	339323	57.119	ug/l	98
43) Isopropyl Acetate	8.694	43	459174	52.958	ug/l	94
44) Trichloroethene	9.359	130	242188	52.930	ug/l	97
45) 1,2-Dichloropropane	9.624	63	254587	59.059	ug/l	94
46) Dibromomethane	9.712	93	174956	55.101	ug/l	94
47) Bromodichloromethane	9.894	83	363437	61.621	ug/l	98
48) Methyl methacrylate	9.682	41	210040	57.724	ug/l	89
49) 1,4-Dioxane	9.700	88	72001	941.476	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1370999	300.273	ug/l	93
52) Toluene	10.635	92	613622	56.094	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	371796	60.529	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	400646	59.006	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	251638	60.809	ug/l	97
56) Ethyl methacrylate	10.876	69	357460	59.324	ug/l	91
57) 1,3-Dichloropropane	11.171	76	414514	59.342	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	667286	274.137	ug/l	92
59) 2-Hexanone	11.200	43	950102	298.854	ug/l	92
60) Dibromochloromethane	11.365	129	276978	61.167	ug/l	100
61) 1,2-Dibromoethane	11.476	107	245699	56.577	ug/l	99
64) Tetrachloroethene	11.112	164	190620	51.276	ug/l	95
65) Chlorobenzene	11.894	112	659364	55.253	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	256514	58.443	ug/l	98
67) Ethyl Benzene	11.970	91	1164675	56.562	ug/l	99
68) m/p-Xylenes	12.076	106	869190	110.762	ug/l	98
69) o-Xylene	12.406	106	425703	55.241	ug/l	96
70) Styrene	12.418	104	705396	58.143	ug/l	98
71) Bromoform	12.588	173	174468	61.595	ug/l #	99
73) Isopropylbenzene	12.700	105	1043740	50.477	ug/l	98
74) N-amyl acetate	12.500	43	362913	53.297	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	351923	62.492	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	275885m	53.370	ug/l	
77) Bromobenzene	12.982	156	250200	52.125	ug/l	98
78) n-propylbenzene	13.041	91	1170900	52.120	ug/l	99
79) 2-Chlorotoluene	13.129	91	742037	51.169	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	841683	50.277	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	101020	60.040	ug/l	94
82) 4-Chlorotoluene	13.229	91	724128	53.503	ug/l	100
83) tert-Butylbenzene	13.441	119	663712	45.609	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	854404	52.642	ug/l	99
85) sec-Butylbenzene	13.617	105	872889	45.829	ug/l	100
86) p-Isopropyltoluene	13.735	119	710230	45.950	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	415162	51.133	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	405410	51.746	ug/l	99
89) n-Butylbenzene	14.059	91	549198	45.048	ug/l	98
90) Hexachloroethane	14.335	117	134532	49.046	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	412582	51.994	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	54498	53.210	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	125094	44.246	ug/l	96
94) Hexachlorobutadiene	15.506	225	62661	44.944	ug/l	98
95) Naphthalene	15.647	128	411045	43.221	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	134675	42.591	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
Data File : VN078315.D
Acq On : 21 Jun 2023 11:56
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 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 22 04:45:14 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\VN062123\
Data File : VN078315.D
Acq On : 21 Jun 2023 11:56
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jun 22 04:45:14 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 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

