

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078362.D
 Acq On : 22 Jun 2023 20:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 23 08:04:39 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 06/23/2023
 Supervised By : Mahesh Dadoda 06/23/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	408319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	739033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	654959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	262803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	281120	51.637	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.280%			
35) Dibromofluoromethane	8.177	113	241121	51.601	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.200%			
50) Toluene-d8	10.571	98	917495	50.932	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.860%			
62) 4-Bromofluorobenzene	12.853	95	296668	52.975	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	239117	51.806	ug/l	94
3) Chloromethane	2.371	50	275819	64.032	ug/l	99
4) Vinyl Chloride	2.524	62	348029	57.583	ug/l	96
5) Bromomethane	2.948	94	252046	55.181	ug/l	92
6) Chloroethane	3.124	64	241538	58.624	ug/l	98
7) Trichlorofluoromethane	3.500	101	534537	65.219	ug/l	100
8) Diethyl Ether	3.971	74	140476	48.779	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.389	101	216786	50.119	ug/l	97
10) Methyl Iodide	4.600	142	317805	51.954	ug/l	98
11) Tert butyl alcohol	5.536	59	167157	222.365	ug/l	98
12) 1,1-Dichloroethene	4.353	96	222139	49.820	ug/l	92
13) Acrolein	4.189	56	239722	289.346	ug/l	96
14) Allyl chloride	5.030	41	271152	49.817	ug/l	93
15) Acrylonitrile	5.730	53	489576	252.612	ug/l	98
16) Acetone	4.442	43	374820	239.192	ug/l	97
17) Carbon Disulfide	4.724	76	574649	50.071	ug/l	100
18) Methyl Acetate	5.042	43	350764	48.619	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	700574	49.245	ug/l	94
20) Methylene Chloride	5.289	84	254313	49.111	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	235716	49.014	ug/l	85
22) Diisopropyl ether	6.689	45	680127	53.122	ug/l #	93
23) Vinyl Acetate	6.612	43	2001133	262.938	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	436910	51.731	ug/l	99
25) 2-Butanone	7.494	43	619596	257.121	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	333298	53.446	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	275366	48.003	ug/l	92
28) Bromochloromethane	7.824	49	195043	50.297	ug/l	95
29) Tetrahydrofuran	7.847	42	414303	257.183	ug/l	85
30) Chloroform	7.971	83	470427	51.726	ug/l	94
31) Cyclohexane	8.265	56	341388	48.884	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	415630	52.055	ug/l	95
36) 1,1-Dichloropropene	8.377	75	349655	52.167	ug/l	97
37) Ethyl Acetate	7.571	43	268784	51.333	ug/l #	94
38) Carbon Tetrachloride	8.365	117	373831	52.821	ug/l	96
39) Methylcyclohexane	9.606	83	308403	44.399	ug/l	91
40) Benzene	8.612	78	1026278	51.288	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078362.D
 Acq On : 22 Jun 2023 20:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 23 08:04:39 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 06/23/2023
 Supervised By : Mahesh Dadoda 06/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	145139	51.139	ug/l	92
42) 1,2-Dichloroethane	8.677	62	352799	51.422	ug/l	98
43) Isopropyl Acetate	8.694	43	482894	48.223	ug/l	94
44) Trichloroethene	9.365	130	262101	49.599	ug/l	93
45) 1,2-Dichloropropane	9.630	63	261048	52.435	ug/l	93
46) Dibromomethane	9.718	93	186802	50.941	ug/l	95
47) Bromodichloromethane	9.894	83	371257	54.504	ug/l	98
48) Methyl methacrylate	9.688	41	216060	51.414	ug/l	88
49) 1,4-Dioxane	9.706	88	83510	945.500	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	1365824	259.016	ug/l	94
52) Toluene	10.635	92	663536	52.521	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	375561	52.941	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	410698	52.373	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	245697	51.409	ug/l	93
56) Ethyl methacrylate	10.882	69	370691	53.268	ug/l	92
57) 1,3-Dichloropropane	11.171	76	422865	52.418	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	646291	229.899	ug/l	93
59) 2-Hexanone	11.200	43	953829	259.784	ug/l	93
60) Dibromochloromethane	11.365	129	279396	53.425	ug/l	99
61) 1,2-Dibromoethane	11.476	107	257797	51.400	ug/l	99
64) Tetrachloroethene	11.112	164	203898	46.664	ug/l	97
65) Chlorobenzene	11.894	112	691439	49.296	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	264885	51.346	ug/l	98
67) Ethyl Benzene	11.971	91	1209070	49.957	ug/l	100
68) m/p-Xylenes	12.076	106	929119	100.734	ug/l	99
69) o-Xylene	12.406	106	448748	49.544	ug/l	96
70) Styrene	12.418	104	731250	51.282	ug/l	98
71) Bromoform	12.582	173	171043	51.376	ug/l #	97
73) Isopropylbenzene	12.700	105	1082076	43.542	ug/l	99
74) N-amyl acetate	12.500	43	373628	45.655	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	354052	51.891	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	278777m	44.872	ug/l	
77) Bromobenzene	12.982	156	258804	44.861	ug/l	98
78) n-propylbenzene	13.041	91	1201239	44.490	ug/l	99
79) 2-Chlorotoluene	13.129	91	774521	44.439	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	887579	44.114	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	98456	48.688	ug/l #	83
82) 4-Chlorotoluene	13.229	91	732823	45.052	ug/l	99
83) tert-Butylbenzene	13.441	119	704956	40.307	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	876659	44.941	ug/l	98
85) sec-Butylbenzene	13.623	105	911154	39.803	ug/l	99
86) p-Isopropyltoluene	13.735	119	763825	41.118	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	424485	43.500	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	411224	43.672	ug/l	99
89) n-Butylbenzene	14.059	91	571691	39.017	ug/l	97
90) Hexachloroethane	14.335	117	143163	43.426	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	426884	44.761	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53075	43.117	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	127725	37.589	ug/l	97
94) Hexachlorobutadiene	15.506	225	69392	41.190	ug/l	99
95) Naphthalene	15.647	128	401723	35.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	141578	37.254	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
Data File : VN078362.D
Acq On : 22 Jun 2023 20:04
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

Quant Time: Jun 23 08:04:39 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\VN062223\
 Data File : VN078362.D
 Acq On : 22 Jun 2023 20:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By : John Carlone 06/23/2023
 Supervised By : Mahesh Dadoda 06/23/2023

Quant Time: Jun 23 08:04:39 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

