

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080251.D
 Acq On : 22 Nov 2023 16:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:23:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	292086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	464887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	415739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	213882	44.348	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.700%		
35) Dibromofluoromethane	8.171	113	159780	46.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.160%		
50) Toluene-d8	10.571	98	583371	47.178	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.360%		
62) 4-Bromofluorobenzene	12.853	95	224371	48.039	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	192936	44.345	ug/l	99
3) Chloromethane	2.359	50	151765	46.396	ug/l	100
4) Vinyl Chloride	2.512	62	169478	48.958	ug/l	98
5) Bromomethane	2.942	94	99611	42.387	ug/l	96
6) Chloroethane	3.112	64	100673	46.888	ug/l	94
7) Trichlorofluoromethane	3.494	101	316356	43.809	ug/l	100
8) Diethyl Ether	3.959	74	101865	48.504	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	152521	46.210	ug/l	98
10) Methyl Iodide	4.589	142	176765	49.555	ug/l	92
11) Tert butyl alcohol	5.524	59	134458	253.523	ug/l	100
12) 1,1-Dichloroethene	4.341	96	146909	47.587	ug/l	86
13) Acrolein	4.177	56	111172	236.859	ug/l	96
14) Allyl chloride	5.030	41	189196	48.711	ug/l	96
15) Acrylonitrile	5.718	53	368302	258.682	ug/l	99
16) Acetone	4.430	43	325533	200.963	ug/l	92
17) Carbon Disulfide	4.712	76	375796	40.768	ug/l	99
18) Methyl Acetate	5.024	43	270864	52.043	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	543754	49.876	ug/l	99
20) Methylene Chloride	5.283	84	169588	49.993	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	156374	46.108	ug/l #	84
22) Diisopropyl ether	6.677	45	446965	52.013	ug/l	97
23) Vinyl Acetate	6.606	43	1309423	253.460	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	295108	47.151	ug/l	96
25) 2-Butanone	7.488	43	453033	235.392	ug/l	91
26) 2,2-Dichloropropane	7.494	77	290594	46.798	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	183557	47.738	ug/l	88
28) Bromochloromethane	7.818	49	121673	49.449	ug/l	94
29) Tetrahydrofuran	7.841	42	277789	268.846	ug/l	90
30) Chloroform	7.965	83	326246	46.636	ug/l	94
31) Cyclohexane	8.259	56	223033	42.524	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	310023	45.443	ug/l	98
36) 1,1-Dichloropropene	8.371	75	232756	46.867	ug/l	94
37) Ethyl Acetate	7.565	43	176378	51.201	ug/l	97
38) Carbon Tetrachloride	8.365	117	275727	43.750	ug/l	97
39) Methylcyclohexane	9.606	83	216382	45.187	ug/l	89
40) Benzene	8.612	78	664282	47.062	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080251.D
 Acq On : 22 Nov 2023 16:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 23 00:23:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	99796	52.752	ug/l	93
42) 1,2-Dichloroethane	8.671	62	264767	45.849	ug/l	97
43) Isopropyl Acetate	8.694	43	308909	46.081	ug/l	98
44) Trichloroethene	9.353	130	169365	45.743	ug/l	99
45) 1,2-Dichloropropane	9.624	63	165121	50.339	ug/l	97
46) Dibromomethane	9.712	93	117910	47.487	ug/l	91
47) Bromodichloromethane	9.894	83	257306	47.109	ug/l	98
48) Methyl methacrylate	9.682	41	181055	52.410	ug/l	89
49) 1,4-Dioxane	9.694	88	57946	1008.260	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	909816	262.150	ug/l	99
52) Toluene	10.635	92	418583	47.386	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	270769	48.251	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	286128	49.907	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	161131	47.793	ug/l	98
56) Ethyl methacrylate	10.876	69	187703	54.498	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	284731	48.371	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	551034	283.983	ug/l	96
59) 2-Hexanone	11.200	43	686826	246.279	ug/l	98
60) Dibromochloromethane	11.359	129	195275	48.379	ug/l	98
61) 1,2-Dibromoethane	11.470	107	164589	47.853	ug/l	98
64) Tetrachloroethene	11.106	164	140373	44.243	ug/l	97
65) Chlorobenzene	11.894	112	441832	46.902	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	175258	47.941	ug/l	93
67) Ethyl Benzene	11.965	91	815458	48.646	ug/l	97
68) m/p-Xylenes	12.070	106	600072	98.181	ug/l	89
69) o-Xylene	12.400	106	292974	50.864	ug/l	89
70) Styrene	12.417	104	439109	51.219	ug/l	93
71) Bromoform	12.582	173	133238	49.147	ug/l #	100
73) Isopropylbenzene	12.700	105	767848	49.018	ug/l	98
74) N-amyl acetate	12.494	43	248930	50.959	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	224220	47.825	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	219383m	44.417	ug/l	
77) Bromobenzene	12.982	156	183551	46.476	ug/l	99
78) n-propylbenzene	13.041	91	854520	48.784	ug/l	98
79) 2-Chlorotoluene	13.129	91	544824	47.889	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	656295	48.130	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	73939	50.578	ug/l	90
82) 4-Chlorotoluene	13.223	91	549527	47.150	ug/l	97
83) tert-Butylbenzene	13.441	119	541056	49.479	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	650550	48.451	ug/l	98
85) sec-Butylbenzene	13.617	105	670531	48.473	ug/l	100
86) p-Isopropyltoluene	13.735	119	611295	49.469	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	316627	44.499	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	319553	44.688	ug/l	98
89) n-Butylbenzene	14.059	91	504339	48.762	ug/l	100
90) Hexachloroethane	14.335	117	107723	44.716	ug/l	70
91) 1,2-Dichlorobenzene	14.111	146	316388	46.466	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52554	48.260	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	180264	45.519	ug/l	98
94) Hexachlorobutadiene	15.505	225	94320	41.387	ug/l	99
95) Naphthalene	15.647	128	542347	47.227	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	173140	46.644	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
Data File : VN080251.D
Acq On : 22 Nov 2023 16:42
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:23:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 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\VN112223\
Data File : VN080251.D
Acq On : 22 Nov 2023 16:42
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:23:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

