

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078531.D
 Acq On : 14 Jul 2023 18:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 15 04:06:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	438848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	780423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	700395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	302138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	324062	55.082	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.160%			
35) Dibromofluoromethane	8.171	113	275725	52.046	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.100%			
50) Toluene-d8	10.570	98	1031083	51.520	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.040%			
62) 4-Bromofluorobenzene	12.853	95	330515	53.616	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	227775	42.333	ug/l	100
3) Chloromethane	2.371	50	298569	51.054	ug/l	100
4) Vinyl Chloride	2.518	62	361792	47.824	ug/l	97
5) Bromomethane	2.942	94	223555	46.357	ug/l	98
6) Chloroethane	3.112	64	230258	50.328	ug/l	99
7) Trichlorofluoromethane	3.494	101	415416	45.936	ug/l	99
8) Diethyl Ether	3.971	74	143486	47.622	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	221292	46.226	ug/l	97
10) Methyl Iodide	4.600	142	315331	47.935	ug/l	94
11) Tert butyl alcohol	5.541	59	225772	248.864	ug/l	99
12) 1,1-Dichloroethene	4.341	96	212268	45.840	ug/l	92
13) Acrolein	4.189	56	207676	232.671	ug/l	94
14) Allyl chloride	5.030	41	306220	48.395	ug/l	95
15) Acrylonitrile	5.735	53	587213	256.181	ug/l	99
16) Acetone	4.441	43	451173	246.189	ug/l	96
17) Carbon Disulfide	4.718	76	550313	41.098	ug/l	98
18) Methyl Acetate	5.041	43	383024	49.372	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	746331	48.917	ug/l	100
20) Methylene Chloride	5.283	84	262409	49.917	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	242442	46.461	ug/l	89
22) Diisopropyl ether	6.688	45	719477	50.781	ug/l	95
23) Vinyl Acetate	6.618	43	2267487	251.741	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	457908	47.964	ug/l	97
25) 2-Butanone	7.494	43	748412	259.433	ug/l	89
26) 2,2-Dichloropropane	7.500	77	310631	39.782	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	292187	48.403	ug/l	98
28) Bromochloromethane	7.824	49	234859	52.230	ug/l	92
29) Tetrahydrofuran	7.853	42	488247	257.934	ug/l	85
30) Chloroform	7.977	83	497714	50.075	ug/l	98
31) Cyclohexane	8.265	56	346624	43.596	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	441589	49.554	ug/l	97
36) 1,1-Dichloropropene	8.377	75	349035	45.629	ug/l	98
37) Ethyl Acetate	7.577	43	309097	48.473	ug/l #	95
38) Carbon Tetrachloride	8.371	117	395577	47.581	ug/l	98
39) Methylcyclohexane	9.606	83	326641	46.781	ug/l	92
40) Benzene	8.618	78	1089119	48.059	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078531.D
 Acq On : 14 Jul 2023 18:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 15 04:06:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	152950	47.050	ug/l	94
42) 1,2-Dichloroethane	8.676	62	373286	48.427	ug/l	99
43) Isopropyl Acetate	8.700	43	529869	50.471	ug/l	94
44) Trichloroethene	9.359	130	279016	45.681	ug/l	95
45) 1,2-Dichloropropane	9.629	63	278609	48.540	ug/l	98
46) Dibromomethane	9.718	93	200067	49.524	ug/l	93
47) Bromodichloromethane	9.894	83	397316	49.063	ug/l	100
48) Methyl methacrylate	9.688	41	243791	50.123	ug/l	91
49) 1,4-Dioxane	9.700	88	110441	1041.196	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	1664576	266.561	ug/l	94
52) Toluene	10.635	92	693592	49.382	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	400708	48.300	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	430280	48.656	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	280740	50.731	ug/l	95
56) Ethyl methacrylate	10.882	69	405466	52.415	ug/l	92
57) 1,3-Dichloropropane	11.170	76	461991	49.100	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	753395	273.286	ug/l	93
59) 2-Hexanone	11.200	43	1194951	269.247	ug/l	93
60) Dibromochloromethane	11.365	129	306022	50.091	ug/l	100
61) 1,2-Dibromoethane	11.476	107	281919	49.454	ug/l	99
64) Tetrachloroethene	11.112	164	227088	43.125	ug/l	93
65) Chlorobenzene	11.900	112	727011	46.438	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.964	131	285594	47.420	ug/l	98
67) Ethyl Benzene	11.970	91	1284722	48.548	ug/l	98
68) m/p-Xylenes	12.076	106	975751	99.728	ug/l	97
69) o-Xylene	12.406	106	485240	49.101	ug/l	98
70) Styrene	12.417	104	788094	50.974	ug/l	98
71) Bromoform	12.582	173	205256	50.322	ug/l #	98
73) Isopropylbenzene	12.700	105	1183667	41.693	ug/l	100
74) N-amyl acetate	12.500	43	432623	44.218	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.947	83	397326	50.114	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	325897m	44.625	ug/l	
77) Bromobenzene	12.988	156	291034	47.048	ug/l	96
78) n-propylbenzene	13.041	91	1341856	44.196	ug/l	100
79) 2-Chlorotoluene	13.129	91	847455	42.613	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	969218	43.207	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	112517	40.486	ug/l	91
82) 4-Chlorotoluene	13.229	91	791942	42.687	ug/l	97
83) tert-Butylbenzene	13.447	119	819072	43.008	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	966986	44.380	ug/l	99
85) sec-Butylbenzene	13.623	105	1037860	43.114	ug/l	98
86) p-Isopropyltoluene	13.735	119	863696	44.683	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	475513	43.630	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	472368	43.029	ug/l	99
89) n-Butylbenzene	14.064	91	656283	47.453	ug/l	96
90) Hexachloroethane	14.341	117	174717	49.165	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	474507	43.748	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	64960	47.707	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	154205	44.547	ug/l	97
94) Hexachlorobutadiene	15.505	225	84900	47.176	ug/l	98
95) Naphthalene	15.647	128	471677	39.857	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	166324	41.786	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
Data File : VN078531.D
Acq On : 14 Jul 2023 18:51
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

Quant Time: Jul 15 04:06:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 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\VN071423\
 Data File : VN078531.D
 Acq On : 14 Jul 2023 18:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 15 04:06:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

