

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072423\
 Data File : VN078638.D
 Acq On : 24 Jul 2023 17:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 25 03:14:54 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 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	540410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	872638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	794792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	334581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	340696	47.026	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.060%			
35) Dibromofluoromethane	8.177	113	308286	52.042	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	10.571	98	1124385	50.245	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.480%			
62) 4-Bromofluorobenzene	12.853	95	370098	53.692	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	232708	35.122	ug/l	97
3) Chloromethane	2.371	50	300512	41.729	ug/l	98
4) Vinyl Chloride	2.518	62	406502	43.635	ug/l	96
5) Bromomethane	2.942	94	266691	44.737	ug/l	98
6) Chloroethane	3.118	64	280981	49.855	ug/l	98
7) Trichlorofluoromethane	3.500	101	468370	42.058	ug/l	94
8) Diethyl Ether	3.965	74	170073	45.838	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	258085	43.780	ug/l	93
10) Methyl Iodide	4.595	142	368143	45.446	ug/l	93
11) Tert butyl alcohol	5.536	59	235710	210.989	ug/l	99
12) 1,1-Dichloroethene	4.342	96	248775	43.627	ug/l	92
13) Acrolein	4.189	56	226255	205.847	ug/l	96
14) Allyl chloride	5.036	41	363482	46.649	ug/l	95
15) Acrylonitrile	5.730	53	650044	230.295	ug/l	99
16) Acetone	4.442	43	468808	207.736	ug/l	96
17) Carbon Disulfide	4.718	76	576512	34.963	ug/l	99
18) Methyl Acetate	5.036	43	439446	46.000	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	904007	48.116	ug/l	94
20) Methylene Chloride	5.283	84	306909	47.347	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	276811	43.078	ug/l	88
22) Diisopropyl ether	6.683	45	848291	48.621	ug/l	96
23) Vinyl Acetate	6.612	43	2576131	232.256	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	541283	46.041	ug/l	96
25) 2-Butanone	7.494	43	800581	225.362	ug/l	88
26) 2,2-Dichloropropane	7.494	77	457303	47.559	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	347729	46.778	ug/l	95
28) Bromochloromethane	7.824	49	253903	45.853	ug/l	95
29) Tetrahydrofuran	7.841	42	508939	218.336	ug/l	88
30) Chloroform	7.971	83	584964	47.792	ug/l	98
31) Cyclohexane	8.265	56	377434	38.549	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	517765	47.182	ug/l	99
36) 1,1-Dichloropropene	8.377	75	398496	46.590	ug/l	98
37) Ethyl Acetate	7.571	43	333609	46.788	ug/l	96
38) Carbon Tetrachloride	8.365	117	453624	48.797	ug/l	99
39) Methylcyclohexane	9.606	83	363701	46.584	ug/l	93
40) Benzene	8.612	78	1256427	49.583	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072423\
 Data File : VN078638.D
 Acq On : 24 Jul 2023 17:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 25 03:14:54 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 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	180649	49.699	ug/l	93
42) 1,2-Dichloroethane	8.677	62	423110	49.090	ug/l	98
43) Isopropyl Acetate	8.694	43	593425	50.551	ug/l	95
44) Trichloroethene	9.359	130	326555	47.815	ug/l	96
45) 1,2-Dichloropropane	9.630	63	322264	50.213	ug/l	98
46) Dibromomethane	9.712	93	229564	50.821	ug/l	91
47) Bromodichloromethane	9.894	83	477030	52.682	ug/l	96
48) Methyl methacrylate	9.688	41	264372	48.611	ug/l	93
49) 1,4-Dioxane	9.700	88	116274	980.349	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1771607	253.721	ug/l	95
52) Toluene	10.635	92	796172	50.695	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	487989	52.605	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	532332	53.835	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	328858	53.147	ug/l	98
56) Ethyl methacrylate	10.882	69	466119	53.888	ug/l	93
57) 1,3-Dichloropropane	11.171	76	536890	51.030	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	810232	262.845	ug/l	94
59) 2-Hexanone	11.200	43	1248101	251.505	ug/l	94
60) Dibromochloromethane	11.365	129	372125	54.475	ug/l	100
61) 1,2-Dibromoethane	11.476	107	326370	51.202	ug/l	99
64) Tetrachloroethene	11.112	164	285913	47.848	ug/l	95
65) Chlorobenzene	11.900	112	875007	49.253	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	344548	50.414	ug/l	97
67) Ethyl Benzene	11.971	91	1525749	50.808	ug/l	99
68) m/p-Xylenes	12.076	106	1149394	103.523	ug/l	99
69) o-Xylene	12.400	106	568075	50.656	ug/l	98
70) Styrene	12.418	104	929711	52.991	ug/l	98
71) Bromoform	12.582	173	248598	53.709	ug/l #	100
73) Isopropylbenzene	12.700	105	1423255	45.271	ug/l	100
74) N-amyl acetate	12.500	43	466664	43.073	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	442613	50.433	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	348318m	43.070	ug/l	
77) Bromobenzene	12.988	156	349192	51.109	ug/l	92
78) n-propylbenzene	13.041	91	1565335	46.557	ug/l	99
79) 2-Chlorotoluene	13.129	91	972558	44.161	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	1142012	45.974	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	133382	43.340	ug/l	93
82) 4-Chlorotoluene	13.229	91	948711	46.179	ug/l	96
83) tert-Butylbenzene	13.441	119	968565	45.926	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1127296	46.721	ug/l	98
85) sec-Butylbenzene	13.623	105	1237241	46.413	ug/l	98
86) p-Isopropyltoluene	13.735	119	1012241	47.290	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	577390	47.840	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	570898	46.962	ug/l	98
89) n-Butylbenzene	14.065	91	779196	50.877	ug/l	98
90) Hexachloroethane	14.335	117	192216	48.839	ug/l	81
91) 1,2-Dichlorobenzene	14.112	146	558710	46.517	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	70986	47.051	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	194541	50.750	ug/l	98
94) Hexachlorobutadiene	15.506	225	110536	56.259	ug/l	98
95) Naphthalene	15.647	128	566412	43.221	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	205141	46.541	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072423\
Data File : VN078638.D
Acq On : 24 Jul 2023 17:11
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

Quant Time: Jul 25 03:14:54 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

