

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072423\
 Data File : VN078630.D
 Acq On : 24 Jul 2023 10:06
 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 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

Quant Time: Jul 25 03:08:43 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)

Internal Standards						
1) Pentafluorobenzene	8.235	168	516369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	831990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	743572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	315325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	320077	46.237	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.480%		
35) Dibromofluoromethane	8.171	113	295324	52.290	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.580%		
50) Toluene-d8	10.570	98	1065898	49.958	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.920%		
62) 4-Bromofluorobenzene	12.853	95	347620	52.895	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	258358	40.809	ug/l	99
3) Chloromethane	2.371	50	311011	45.197	ug/l	98
4) Vinyl Chloride	2.524	62	415334	46.659	ug/l	100
5) Bromomethane	2.953	94	278325	49.371	ug/l	96
6) Chloroethane	3.124	64	287337	53.496	ug/l	96
7) Trichlorofluoromethane	3.500	101	498939	46.889	ug/l	99
8) Diethyl Ether	3.971	74	172811	48.745	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	274000	48.644	ug/l	94
10) Methyl Iodide	4.600	142	381831	49.330	ug/l	97
11) Tert butyl alcohol	5.530	59	236223	221.293	ug/l	99
12) 1,1-Dichloroethene	4.347	96	263119	48.291	ug/l	92
13) Acrolein	4.189	56	264229	251.588	ug/l	94
14) Allyl chloride	5.036	41	339298	45.573	ug/l	94
15) Acrylonitrile	5.730	53	634828	235.376	ug/l	99
16) Acetone	4.436	43	612902	284.231	ug/l	97
17) Carbon Disulfide	4.724	76	612266	38.860	ug/l	100
18) Methyl Acetate	5.036	43	429573	47.060	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	915315	50.986	ug/l	96
20) Methylene Chloride	5.283	84	316606	51.217	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	283782	46.219	ug/l	87
22) Diisopropyl ether	6.683	45	870539	52.219	ug/l	96
23) Vinyl Acetate	6.612	43	2642842	249.364	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	549459	48.913	ug/l	99
25) 2-Butanone	7.494	43	845420	249.064	ug/l	90
26) 2,2-Dichloropropane	7.500	77	500655	54.492	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	356435	50.182	ug/l	93
28) Bromochloromethane	7.818	49	263468	49.796	ug/l	95
29) Tetrahydrofuran	7.847	42	502436	225.582	ug/l	87
30) Chloroform	7.971	83	604411	51.680	ug/l	93
31) Cyclohexane	8.265	56	401197	42.884	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	535852	51.104	ug/l	98
36) 1,1-Dichloropropene	8.377	75	424813	52.093	ug/l	97
37) Ethyl Acetate	7.565	43	334460	49.199	ug/l #	95
38) Carbon Tetrachloride	8.371	117	475161	53.611	ug/l	99
39) Methylcyclohexane	9.606	83	385657	51.809	ug/l	93
40) Benzene	8.612	78	1283283	53.117	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072423\
 Data File : VN078630.D
 Acq On : 24 Jul 2023 10:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 25 03:08:43 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	177238	51.143	ug/l	95
42) 1,2-Dichloroethane	8.676	62	432420	52.621	ug/l	99
43) Isopropyl Acetate	8.694	43	615132	54.961	ug/l	95
44) Trichloroethene	9.359	130	338849	52.039	ug/l	99
45) 1,2-Dichloropropane	9.629	63	332709	54.373	ug/l	92
46) Dibromomethane	9.718	93	232663	54.023	ug/l	89
47) Bromodichloromethane	9.894	83	479860	55.583	ug/l	97
48) Methyl methacrylate	9.682	41	275890	53.207	ug/l	88
49) 1,4-Dioxane	9.700	88	107921	954.377	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1727758	259.531	ug/l	95
52) Toluene	10.635	92	822469	54.928	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	503926	56.977	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	543075	57.605	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	333844	56.588	ug/l	96
56) Ethyl methacrylate	10.876	69	471392	57.160	ug/l	94
57) 1,3-Dichloropropane	11.170	76	547908	54.622	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	827502	281.563	ug/l	94
59) 2-Hexanone	11.200	43	1255450	265.346	ug/l	92
60) Dibromochloromethane	11.365	129	376876	57.866	ug/l	98
61) 1,2-Dibromoethane	11.476	107	333173	54.823	ug/l	99
64) Tetrachloroethene	11.112	164	282982	50.620	ug/l	95
65) Chlorobenzene	11.900	112	887251	53.383	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	356537	55.762	ug/l	97
67) Ethyl Benzene	11.970	91	1570262	55.893	ug/l	100
68) m/p-Xylenes	12.076	106	1189907	114.554	ug/l	98
69) o-Xylene	12.400	106	577359	55.030	ug/l	96
70) Styrene	12.417	104	965908	58.847	ug/l	98
71) Bromoform	12.582	173	258393	59.671	ug/l #	100
73) Isopropylbenzene	12.700	105	1474763	49.774	ug/l	99
74) N-amyl acetate	12.500	43	473734	46.395	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	456271	55.474	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	350071m	45.930	ug/l	
77) Bromobenzene	12.988	156	358543	55.825	ug/l	93
78) n-propylbenzene	13.041	91	1632870	51.531	ug/l	99
79) 2-Chlorotoluene	13.129	91	1017784	49.037	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	1195783	51.078	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	141222	48.690	ug/l	89
82) 4-Chlorotoluene	13.229	91	983627	50.802	ug/l	97
83) tert-Butylbenzene	13.441	119	1015516	51.093	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	1171669	51.525	ug/l	98
85) sec-Butylbenzene	13.623	105	1268796	50.503	ug/l	99
86) p-Isopropyltoluene	13.735	119	1048762	51.989	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	616214	54.175	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	591346	51.614	ug/l	98
89) n-Butylbenzene	14.058	91	777425	53.861	ug/l	98
90) Hexachloroethane	14.341	117	200866	54.244	ug/l	80
91) 1,2-Dichlorobenzene	14.111	146	595000	52.563	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	67803	47.713	ug/l	85
93) 1,2,4-Trichlorobenzene	15.400	180	191008	52.871	ug/l	96
94) Hexachlorobutadiene	15.505	225	110455	59.922	ug/l	99
95) Naphthalene	15.647	128	563534	45.628	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	213411	51.374	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072423\
 Data File : VN078630.D
 Acq On : 24 Jul 2023 10:06
 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 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023

Quant Time: Jul 25 03:08:43 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

