

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092023\
 Data File : VN079306.D
 Acq On : 20 Sep 2023 09:55
 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 09/21/2023
 Supervised By : Mahesh Dadoda 09/21/2023

Quant Time: Sep 21 01:53:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	179217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	304991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	286198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147507	60.972	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.940%			
35) Dibromofluoromethane	8.171	113	117177	57.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.520%			
50) Toluene-d8	10.570	98	428621	57.539	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.080%#			
62) 4-Bromofluorobenzene	12.853	95	144975	61.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	95479	53.843	ug/l	98
3) Chloromethane	2.365	50	120986	51.974	ug/l	100
4) Vinyl Chloride	2.518	62	143131	56.431	ug/l	97
5) Bromomethane	2.942	94	75579	51.840	ug/l	100
6) Chloroethane	3.112	64	99212	61.377	ug/l	99
7) Trichlorofluoromethane	3.494	101	178582	48.082	ug/l	99
8) Diethyl Ether	3.965	74	64987	50.411	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.377	101	100337	50.798	ug/l	99
10) Methyl Iodide	4.583	142	104889	64.916	ug/l	98
11) Tert butyl alcohol	5.530	59	92616	207.358	ug/l	100
12) 1,1-Dichloroethene	4.341	96	92748	48.523	ug/l #	77
13) Acrolein	4.183	56	98250	230.605	ug/l	95
14) Allyl chloride	5.030	41	147399	48.341	ug/l	90
15) Acrylonitrile	5.724	53	301029	259.924	ug/l	96
16) Acetone	4.430	43	331588	322.722	ug/l	93
17) Carbon Disulfide	4.712	76	250593	41.947	ug/l	99
18) Methyl Acetate	5.024	43	226491	53.635	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	344700	52.582	ug/l	93
20) Methylene Chloride	5.277	84	121963	48.778	ug/l #	79
21) trans-1,2-Dichloroethene	5.794	96	106990	48.252	ug/l #	80
22) Diisopropyl ether	6.677	45	388217	58.027	ug/l #	90
23) Vinyl Acetate	6.606	43	1145780	278.437	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	220955	53.575	ug/l	98
25) 2-Butanone	7.488	43	439903	295.081	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	178680	52.795	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	130242	51.369	ug/l	86
28) Bromochloromethane	7.818	49	124985	67.027	ug/l #	73
29) Tetrahydrofuran	7.841	42	268802	283.336	ug/l #	75
30) Chloroform	7.971	83	232318	54.103	ug/l	92
31) Cyclohexane	8.265	56	173077	48.996	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	195941	53.531	ug/l	96
36) 1,1-Dichloropropene	8.371	75	163695	52.348	ug/l	96
37) Ethyl Acetate	7.565	43	169566	54.365	ug/l #	89
38) Carbon Tetrachloride	8.365	117	163590	50.553	ug/l	97
39) Methylcyclohexane	9.606	83	156069	50.597	ug/l #	82
40) Benzene	8.612	78	496916	51.910	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092023\
 Data File : VN079306.D
 Acq On : 20 Sep 2023 09:55
 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 09/21/2023
 Supervised By : Mahesh Dadoda 09/21/2023

Quant Time: Sep 21 01:53:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	85767	54.538	ug/l #	88
42) 1,2-Dichloroethane	8.677	62	180527	54.780	ug/l	97
43) Isopropyl Acetate	8.694	43	267503	52.562	ug/l #	90
44) Trichloroethene	9.353	130	115734	49.078	ug/l	99
45) 1,2-Dichloropropane	9.623	63	134237	56.504	ug/l	93
46) Dibromomethane	9.712	93	87466	54.234	ug/l	94
47) Bromodichloromethane	9.894	83	185632	56.196	ug/l #	96
48) Methyl methacrylate	9.688	41	128414	56.333	ug/l #	83
49) 1,4-Dioxane	9.700	88	49679	1059.557	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	870112	294.528	ug/l	89
52) Toluene	10.635	92	313315	53.258	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	187483	53.826	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	201229	54.015	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	123348	53.435	ug/l	96
56) Ethyl methacrylate	10.876	69	183077	56.184	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	217911	54.608	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	345164	251.716	ug/l	89
59) 2-Hexanone	11.200	43	642333	300.192	ug/l	87
60) Dibromochloromethane	11.365	129	131384	53.479	ug/l	100
61) 1,2-Dibromoethane	11.476	107	119597	51.916	ug/l	99
64) Tetrachloroethene	11.106	164	100267	48.047	ug/l	94
65) Chlorobenzene	11.894	112	314022	48.434	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	118257	48.641	ug/l	97
67) Ethyl Benzene	11.970	91	594199	53.581	ug/l	94
68) m/p-Xylenes	12.076	106	468790	113.410	ug/l	93
69) o-Xylene	12.400	106	223889	56.475	ug/l	92
70) Styrene	12.417	104	384750	60.344	ug/l	98
71) Bromoform	12.582	173	95929	53.448	ug/l #	98
73) Isopropylbenzene	12.700	105	556636	47.148	ug/l	99
74) N-amyl acetate	12.500	43	236945	52.900	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	185888	42.283	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	146976m	42.026	ug/l	
77) Bromobenzene	12.982	156	126617	42.355	ug/l	94
78) n-propylbenzene	13.041	91	665894	50.209	ug/l	97
79) 2-Chlorotoluene	13.129	91	393748	45.393	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	460264	46.787	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	56312	44.267	ug/l	86
82) 4-Chlorotoluene	13.223	91	392480	48.153	ug/l	98
83) tert-Butylbenzene	13.441	119	386402	47.480	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	461489	49.258	ug/l	99
85) sec-Butylbenzene	13.623	105	545284	48.670	ug/l	99
86) p-Isopropyltoluene	13.735	119	441795	49.357	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	229980	46.904	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	221742	44.755	ug/l	99
89) n-Butylbenzene	14.059	91	360812	51.261	ug/l	97
90) Hexachloroethane	14.335	117	84626	46.557	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	222174	45.900	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31005	46.393	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	78289	45.008	ug/l	96
94) Hexachlorobutadiene	15.505	225	48273	35.279	ug/l	98
95) Naphthalene	15.647	128	208550	40.368	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	82713	40.312	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092023\
Data File : VN079306.D
Acq On : 20 Sep 2023 09:55
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 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

Quant Time: Sep 21 01:53:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

