

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073990.D
 Acq On : 17 Aug 2022 20:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2022
 Supervised By : Mahesh Dadoda 08/18/2022

Quant Time: Aug 18 00:52:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	606959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	911822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	823401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	419006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	320803	54.265	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.540%			
35) Dibromofluoromethane	7.951	113	281814	52.261	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.520%			
50) Toluene-d8	10.380	98	1088400	52.115	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.240%			
62) 4-Bromofluorobenzene	12.674	95	378309	54.581	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	238182	49.490	ug/l	100
3) Chloromethane	2.269	50	271511	50.732	ug/l	97
4) Vinyl Chloride	2.404	62	338753	49.305	ug/l	98
5) Bromomethane	2.787	94	204681	47.707	ug/l	99
6) Chloroethane	2.957	64	223190	45.984	ug/l	97
7) Trichlorofluoromethane	3.310	101	439468	49.585	ug/l	98
8) Diethyl Ether	3.763	74	168843	51.320	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.140	101	241122	46.833	ug/l	93
10) Methyl Iodide	4.351	142	301622	48.798	ug/l	97
11) Tert butyl alcohol	5.287	59	353656	267.442	ug/l	100
12) 1,1-Dichloroethene	4.110	96	236638	49.399	ug/l	94
13) Acrolein	3.981	56	270469	292.209	ug/l	99
14) Allyl chloride	4.763	41	360801	50.856	ug/l	99
15) Acrylonitrile	5.475	53	887158	274.794	ug/l	99
16) Acetone	4.222	43	737068	264.268	ug/l	100
17) Carbon Disulfide	4.457	76	547146	48.037	ug/l	99
18) Methyl Acetate	4.775	43	411773	59.558	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	896641	51.971	ug/l	96
20) Methylene Chloride	5.010	84	280783	47.708	ug/l	97
21) trans-1,2-Dichloroethene	5.510	96	256394	48.582	ug/l	92
22) Diisopropyl ether	6.410	45	806856	53.640	ug/l	99
23) Vinyl Acetate	6.351	43	3504484	271.867	ug/l	99
24) 1,1-Dichloroethane	6.304	63	481786	51.456	ug/l	98
25) 2-Butanone	7.257	43	1211579	273.965	ug/l	98
26) 2,2-Dichloropropane	7.251	77	303608	34.513	ug/l	96
27) cis-1,2-Dichloroethene	7.251	96	325835	50.041	ug/l	91
28) Bromochloromethane	7.586	49	170893	49.486	ug/l	90
29) Tetrahydrofuran	7.610	42	777769	274.164	ug/l	97
30) Chloroform	7.745	83	522658	49.920	ug/l	98
31) Cyclohexane	8.022	56	407774	49.480	ug/l	94
32) 1,1,1-Trichloroethane	7.945	97	468502	50.460	ug/l	97
36) 1,1-Dichloropropene	8.151	75	366776	48.969	ug/l	98
37) Ethyl Acetate	7.339	43	454116	50.046	ug/l	98
38) Carbon Tetrachloride	8.133	117	404253	47.219	ug/l	100
39) Methylcyclohexane	9.398	83	447156	47.646	ug/l	95
40) Benzene	8.392	78	1148837	48.599	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073990.D
 Acq On : 17 Aug 2022 20:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2022
 Supervised By : Mahesh Dadoda 08/18/2022

Quant Time: Aug 18 00:52:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	194382	47.403	ug/l	94
42) 1,2-Dichloroethane	8.463	62	401534	49.400	ug/l	99
43) Isopropyl Acetate	8.492	43	666263	51.542	ug/l	98
44) Trichloroethene	9.151	130	319454	46.788	ug/l	97
45) 1,2-Dichloropropane	9.427	63	285933	50.464	ug/l	99
46) Dibromomethane	9.516	93	210958	48.971	ug/l	94
47) Bromodichloromethane	9.698	83	409445	49.729	ug/l	100
48) Methyl methacrylate	9.498	41	298101	53.895	ug/l	91
49) 1,4-Dioxane	9.504	88	165090	1003.689	ug/l	93
51) 4-Methyl-2-Pentanone	10.269	43	2339580	267.697	ug/l	99
52) Toluene	10.445	92	756678	46.680	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	422494	48.900	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	457711	48.419	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	315221	49.991	ug/l	99
56) Ethyl methacrylate	10.704	69	502228	55.844	ug/l	95
57) 1,3-Dichloropropane	10.986	76	522941	51.007	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	1112500	265.051	ug/l	97
59) 2-Hexanone	11.027	43	1830956	272.216	ug/l	99
60) Dibromochloromethane	11.180	129	349742	50.156	ug/l	100
61) 1,2-Dibromoethane	11.286	107	334217	49.556	ug/l	100
64) Tetrachloroethene	10.916	164	286503	44.085	ug/l	97
65) Chlorobenzene	11.710	112	841356	48.079	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	323606	48.835	ug/l	98
67) Ethyl Benzene	11.786	91	1455472	50.013	ug/l	99
68) m/p-Xylenes	11.892	106	1149159	97.185	ug/l	99
69) o-Xylene	12.221	106	581130	49.009	ug/l	97
70) Styrene	12.233	104	946483	50.985	ug/l	99
71) Bromoform	12.398	173	290445	49.092	ug/l	99
73) Isopropylbenzene	12.521	105	1497562	49.083	ug/l	100
74) N-amyl acetate	12.327	43	561684	48.697	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	504527	49.277	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	376665m	43.250	ug/l	
77) Bromobenzene	12.804	156	388454	47.036	ug/l	92
78) n-propylbenzene	12.863	91	1619261	49.788	ug/l	98
79) 2-Chlorotoluene	12.951	91	991658	48.928	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	1244479	50.146	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	142644	46.585	ug/l	96
82) 4-Chlorotoluene	13.045	91	968309	50.302	ug/l	96
83) tert-Butylbenzene	13.263	119	1165954	51.055	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	1247521	50.339	ug/l	99
85) sec-Butylbenzene	13.439	105	1530156	51.690	ug/l	98
86) p-Isopropyltoluene	13.557	119	1306509	51.807	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	692000	48.317	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	676259	46.592	ug/l	98
89) n-Butylbenzene	13.886	91	992900	49.707	ug/l	99
90) Hexachloroethane	14.151	117	227589	49.372	ug/l	90
91) 1,2-Dichlorobenzene	13.927	146	698489	47.229	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	116907	48.359	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	430240	47.797	ug/l	100
94) Hexachlorobutadiene	15.304	225	215400	45.396	ug/l	98
95) Naphthalene	15.433	128	1471649	50.149	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	446712	48.013	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
Data File : VN073990.D
Acq On : 17 Aug 2022 20:52
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

Quant Time: Aug 18 00:52:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 00:45:21 2022
Response via : Initial Calibration

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

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

