

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN070997.D
 Acq On : 18 Feb 2022 10:57
 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 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

Quant Time: Feb 19 00:36:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	660250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1022095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	951217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	406976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	413660	54.846	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.700%			
35) Dibromofluoromethane	8.022	113	334167	54.967	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.940%			
50) Toluene-d8	10.439	98	1346742	55.162	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.320%			
62) 4-Bromofluorobenzene	12.727	95	461787	52.916	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	345867	50.435	ug/l	100
3) Chloromethane	2.299	50	449849	52.189	ug/l	98
4) Vinyl Chloride	2.440	62	421894	48.895	ug/l	99
5) Bromomethane	2.834	94	231523	47.234	ug/l	96
6) Chloroethane	3.004	64	275983	48.754	ug/l	97
7) Trichlorofluoromethane	3.369	101	572359	52.931	ug/l	95
8) Diethyl Ether	3.822	74	235374	50.071	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	338062	50.956	ug/l	95
10) Methyl Iodide	4.422	142	471722	51.339	ug/l	97
11) Tert butyl alcohol	5.363	59	384883	280.015	ug/l	99
12) 1,1-Dichloroethene	4.187	96	317462	49.113	ug/l	97
13) Acrolein	4.040	56	316343	257.560	ug/l	99
14) Allyl chloride	4.840	41	635866	51.581	ug/l	87
15) Acrylonitrile	5.551	53	1195265	295.224	ug/l	99
16) Acetone	4.281	43	1209093	291.093	ug/l	93
17) Carbon Disulfide	4.528	76	848016	45.749	ug/l	98
18) Methyl Acetate	4.851	43	522611	57.553	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	1194175	52.666	ug/l	95
20) Methylene Chloride	5.098	84	390997	51.796	ug/l	93
21) trans-1,2-Dichloroethene	5.593	96	347554	50.096	ug/l	92
22) Diisopropyl ether	6.492	45	1327414	56.143	ug/l	91
23) Vinyl Acetate	6.428	43	5700617	284.824	ug/l	100
24) 1,1-Dichloroethane	6.387	63	704914	53.185	ug/l	99
25) 2-Butanone	7.328	43	1691256	306.081	ug/l	99
26) 2,2-Dichloropropane	7.322	77	570950	51.832	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	417089	52.307	ug/l	94
28) Bromochloromethane	7.651	49	263768	49.169	ug/l	88
29) Tetrahydrofuran	7.681	42	1091667	304.975	ug/l	94
30) Chloroform	7.816	83	685331	52.573	ug/l	100
31) Cyclohexane	8.092	56	658158	50.457	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	586140	52.066	ug/l	97
36) 1,1-Dichloropropene	8.216	75	514863	51.692	ug/l	98
37) Ethyl Acetate	7.410	43	647369	60.604	ug/l	99
38) Carbon Tetrachloride	8.204	117	511590	52.130	ug/l	97
39) Methylcyclohexane	9.457	83	647127	50.493	ug/l	97
40) Benzene	8.457	78	1584638	53.786	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN070997.D
 Acq On : 18 Feb 2022 10:57
 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 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

Quant Time: Feb 19 00:36:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	346010	61.503	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	546672	54.481	ug/l	98
43) Isopropyl Acetate	8.557	43	955720	56.763	ug/l	98
44) Trichloroethene	9.210	130	391549	50.469	ug/l	99
45) 1,2-Dichloropropane	9.486	63	415862	55.104	ug/l	100
46) Dibromomethane	9.575	93	268405	54.043	ug/l	99
47) Bromodichloromethane	9.757	83	542807	54.078	ug/l	99
48) Methyl methacrylate	9.557	41	474965	59.598	ug/l #	84
49) 1,4-Dioxane	9.563	88	183800	1298.493	ug/l	92
51) 4-Methyl-2-Pentanone	10.327	43	3193858	311.776	ug/l	98
52) Toluene	10.498	92	1000917	54.066	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	593442	54.372	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	649155	54.158	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	391604	54.040	ug/l	98
56) Ethyl methacrylate	10.757	69	643881	58.972	ug/l #	91
57) 1,3-Dichloropropane	11.039	76	692295	55.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	617265	253.629	ug/l	97
59) 2-Hexanone	11.080	43	2283825	324.158	ug/l	97
60) Dibromochloromethane	11.233	129	416214	54.348	ug/l	99
61) 1,2-Dibromoethane	11.339	107	405224	54.977	ug/l	100
64) Tetrachloroethene	10.975	164	364705	49.231	ug/l	99
65) Chlorobenzene	11.769	112	1063688	51.894	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	397510	53.202	ug/l	99
67) Ethyl Benzene	11.839	91	1928551	53.758	ug/l	98
68) m/p-Xylenes	11.951	106	1480287	106.823	ug/l	99
69) o-Xylene	12.274	106	727164	53.718	ug/l	100
70) Styrene	12.292	104	1177635	54.712	ug/l	98
71) Bromoform	12.451	173	318836	53.581	ug/l #	100
73) Isopropylbenzene	12.574	105	1885102	57.546	ug/l	100
74) N-amyl acetate	12.386	43	662052	63.226	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	605030	58.122	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	466731m	48.707	ug/l	
77) Bromobenzene	12.857	156	446139	55.634	ug/l	87
78) n-propylbenzene	12.916	91	2111154	57.360	ug/l	98
79) 2-Chlorotoluene	13.004	91	1273293	56.967	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	1511193	56.942	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	178223	60.270	ug/l	90
82) 4-Chlorotoluene	13.098	91	1213142	55.914	ug/l	95
83) tert-Butylbenzene	13.321	119	1362301	54.126	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1472937	56.381	ug/l	100
85) sec-Butylbenzene	13.498	105	1859807	56.078	ug/l	100
86) p-Isopropyltoluene	13.610	119	1521941	55.902	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	756401	53.284	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	716181	51.492	ug/l	98
89) n-Butylbenzene	13.939	91	1148078	51.687	ug/l	97
90) Hexachloroethane	14.210	117	280096	57.608	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	710537	53.303	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	100594	59.644	ug/l	93
93) 1,2,4-Trichlorobenzene	15.262	180	326425	43.823	ug/l	99
94) Hexachlorobutadiene	15.368	225	209845	43.168	ug/l	99
95) Naphthalene	15.504	128	780004	43.581	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	315675	45.917	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
Data File : VN070997.D
Acq On : 18 Feb 2022 10:57
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 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

Quant Time: Feb 19 00:36:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 16 07:52:42 2022
Response via : Initial Calibration

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

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

