

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070559.D
 Acq On : 11 Jan 2022 10:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 05:56:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1012249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1629065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1519411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	679756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	639206	43.919	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.840%		
35) Dibromofluoromethane	8.019	113	484632	49.168	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.340%		
50) Toluene-d8	10.438	98	1955854	48.574	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.140%		
62) 4-Bromofluorobenzene	12.725	95	744385	51.185	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	468286	40.793	ug/l	100
3) Chloromethane	2.303	50	660359	42.288	ug/l	99
4) Vinyl Chloride	2.451	62	612542	43.084	ug/l	99
5) Bromomethane	2.858	94	343911	46.866	ug/l	99
6) Chloroethane	3.025	64	387308	45.236	ug/l	96
7) Trichlorofluoromethane	3.381	101	764033	44.648	ug/l	99
8) Diethyl Ether	3.824	74	355205	47.086	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.213	101	494355	47.232	ug/l	95
10) Methyl Iodide	4.425	142	665231	46.964	ug/l	96
11) Tert butyl alcohol	5.363	59	451031	186.119	ug/l	99
12) 1,1-Dichloroethene	4.183	96	469794	45.570	ug/l	92
13) Acrolein	4.039	56	353491	179.777	ug/l	99
14) Allyl chloride	4.840	41	1108247	47.414	ug/l #	84
15) Acrylonitrile	5.548	53	1727655	228.461	ug/l	98
16) Acetone	4.280	43	1922287	203.461	ug/l	97
17) Carbon Disulfide	4.532	76	1196140	42.506	ug/l	100
18) Methyl Acetate	4.851	43	1197723	43.825	ug/l	91
19) Methyl tert-butyl Ether	5.610	73	1836516	47.969	ug/l	94
20) Methylene Chloride	5.095	84	581666	44.498	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	506647	46.415	ug/l	88
22) Diisopropyl ether	6.490	45	2254438	49.520	ug/l #	90
23) Vinyl Acetate	6.428	43	8526195	241.383	ug/l	94
24) 1,1-Dichloroethane	6.383	63	1110685	47.051	ug/l	98
25) 2-Butanone	7.329	43	2576924	216.619	ug/l	93
26) 2,2-Dichloropropane	7.321	77	857651	46.055	ug/l	98
27) cis-1,2-Dichloroethene	7.321	96	617060	47.377	ug/l	87
28) Bromochloromethane	7.654	49	557772	48.315	ug/l #	77
29) Tetrahydrofuran	7.678	42	1560722	219.893	ug/l	87
30) Chloroform	7.812	83	1048499	46.041	ug/l	99
31) Cyclohexane	8.091	56	1055653	45.964	ug/l	86
32) 1,1,1-Trichloroethane	8.011	97	852743	44.410	ug/l	97
36) 1,1-Dichloropropene	8.220	75	791653	48.551	ug/l	96
37) Ethyl Acetate	7.407	43	938811	44.419	ug/l	97
38) Carbon Tetrachloride	8.201	117	690481	44.347	ug/l	100
39) Methylcyclohexane	9.456	83	962690	48.768	ug/l	88
40) Benzene	8.456	78	2429674	48.604	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070559.D
 Acq On : 11 Jan 2022 10:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 12 05:56:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	527369	49.886	ug/l #	84
42) 1,2-Dichloroethane	8.525	62	844457	44.943	ug/l	100
43) Isopropyl Acetate	8.555	43	1546057	46.397	ug/l	96
44) Trichloroethene	9.212	130	562629	47.368	ug/l	90
45) 1,2-Dichloropropane	9.486	63	686563	51.010	ug/l	98
46) Dibromomethane	9.571	93	395835	47.296	ug/l	94
47) Bromodichloromethane	9.756	83	803460	48.348	ug/l	99
48) Methyl methacrylate	9.555	41	762510	47.973	ug/l #	80
49) 1,4-Dioxane	9.563	88	192671	828.097	ug/l #	81
51) 4-Methyl-2-Pentanone	10.325	43	4866977	232.441	ug/l	98
52) Toluene	10.502	92	1499244	49.549	ug/l	97
53) t-1,3-Dichloropropene	10.714	75	914043	50.807	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	1010322	51.914	ug/l	99
55) 1,1,2-Trichloroethane	10.894	97	587128	49.042	ug/l	98
56) Ethyl methacrylate	10.757	69	994873	50.293	ug/l	88
57) 1,3-Dichloropropane	11.041	76	1051786	49.671	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1236367	245.082	ug/l	90
59) 2-Hexanone	11.081	43	3706569	242.745	ug/l	95
60) Dibromochloromethane	11.234	129	584756	50.061	ug/l	99
61) 1,2-Dibromoethane	11.342	107	581030	47.798	ug/l	99
64) Tetrachloroethene	10.974	164	505824	45.973	ug/l	96
65) Chlorobenzene	11.765	112	1555898	48.262	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	549565	47.751	ug/l	98
67) Ethyl Benzene	11.840	91	2931291	49.625	ug/l	95
68) m/p-Xylenes	11.948	106	2165488	100.714	ug/l	93
69) o-Xylene	12.278	106	1084750	50.721	ug/l	93
70) Styrene	12.291	104	1793924	52.998	ug/l	97
71) Bromoform	12.455	173	417669	48.899	ug/l #	100
73) Isopropylbenzene	12.575	105	2835108	44.912	ug/l	98
74) N-amyl acetate	12.385	43	1184565	44.630	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.822	83	908091	43.300	ug/l	98
76) 1,2,3-Trichloropropane	12.876	75	907526m	45.365	ug/l	
77) Bromobenzene	12.857	156	648748	44.764	ug/l	79
78) n-propylbenzene	12.916	91	3334561	47.676	ug/l	96
79) 2-Chlorotoluene	13.002	91	2022692	45.072	ug/l	93
80) 1,3,5-Trimethylbenzene	13.055	105	2349737	46.451	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	269895	48.510	ug/l	91
82) 4-Chlorotoluene	13.101	91	1977111	47.033	ug/l	92
83) tert-Butylbenzene	13.318	119	2027204	45.512	ug/l	95
84) 1,2,4-Trimethylbenzene	13.364	105	2310721	47.438	ug/l	98
85) sec-Butylbenzene	13.498	105	2885405	47.713	ug/l	97
86) p-Isopropyltoluene	13.613	119	2325920	48.962	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	1158861	47.766	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	1130131	47.223	ug/l	97
89) n-Butylbenzene	13.938	91	1963414	49.552	ug/l	97
90) Hexachloroethane	14.206	117	369309	44.750	ug/l	92
91) 1,2-Dichlorobenzene	13.983	146	1107676	46.573	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.597	75	146626	40.097	ug/l	83
93) 1,2,4-Trichlorobenzene	15.260	180	547907	48.892	ug/l	98
94) Hexachlorobutadiene	15.364	225	325246	49.938	ug/l	100
95) Naphthalene	15.501	128	1288861	41.916	ug/l	100
96) 1,2,3-Trichlorobenzene	15.694	180	506546	47.301	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
Data File : VN070559.D
Acq On : 11 Jan 2022 10:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 05:56:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

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

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

