

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073456.D
 Acq On : 14 Jul 2022 11:53
 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 15 02:00:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	214968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	367904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	343264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	168192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	161733	52.116	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.240%			
35) Dibromofluoromethane	7.951	113	125160	51.133	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.260%			
50) Toluene-d8	10.375	98	432259	49.722	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.440%			
62) 4-Bromofluorobenzene	12.669	95	182301	54.567	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	153270	48.768	ug/l	98
3) Chloromethane	2.263	50	143228	46.941	ug/l	98
4) Vinyl Chloride	2.405	62	123297	47.558	ug/l	96
5) Bromomethane	2.781	94	42882	35.020	ug/l	100
6) Chloroethane	2.946	64	76970	50.470	ug/l	99
7) Trichlorofluoromethane	3.310	101	234152	52.242	ug/l	99
8) Diethyl Ether	3.763	74	96997	53.162	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.134	101	136473	51.531	ug/l	96
10) Methyl Iodide	4.346	142	138616	44.000	ug/l	95
11) Tert butyl alcohol	5.287	59	199852	265.846	ug/l	99
12) 1,1-Dichloroethene	4.110	96	124763	49.302	ug/l	99
13) Acrolein	3.981	56	83871	176.510	ug/l	100
14) Allyl chloride	4.757	41	279548	52.437	ug/l #	91
15) Acrylonitrile	5.469	53	572315	295.736	ug/l	100
16) Acetone	4.216	43	513416	294.739	ug/l	92
17) Carbon Disulfide	4.451	76	278115	42.384	ug/l	99
18) Methyl Acetate	4.769	43	302534	61.975	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	504603	54.711	ug/l	98
20) Methylene Chloride	5.010	84	154860	50.586	ug/l	91
21) trans-1,2-Dichloroethene	5.510	96	129108	48.827	ug/l	90
22) Diisopropyl ether	6.410	45	573744	57.676	ug/l #	96
23) Vinyl Acetate	6.345	43	2464412	276.696	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	286869	55.725	ug/l	99
25) 2-Butanone	7.257	43	826641	298.066	ug/l	91
26) 2,2-Dichloropropane	7.245	77	209085	43.915	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	165956	51.827	ug/l	94
28) Bromochloromethane	7.581	49	134057	62.179	ug/l #	80
29) Tetrahydrofuran	7.604	42	552141	290.758	ug/l #	85
30) Chloroform	7.745	83	288132	55.571	ug/l	98
31) Cyclohexane	8.022	56	236590	46.551	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	243491	52.696	ug/l	98
36) 1,1-Dichloropropene	8.145	75	200970	53.360	ug/l	96
37) Ethyl Acetate	7.334	43	327830	57.607	ug/l #	93
38) Carbon Tetrachloride	8.134	117	197394	50.681	ug/l	96
39) Methylcyclohexane	9.392	83	233547	49.807	ug/l	95
40) Benzene	8.387	78	614748	52.889	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073456.D
 Acq On : 14 Jul 2022 11:53
 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 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

Quant Time: Jul 15 02:00:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	158578	57.457	ug/l #	85
42) 1,2-Dichloroethane	8.457	62	236254	56.072	ug/l	97
43) Isopropyl Acetate	8.492	43	470319	57.506	ug/l	92
44) Trichloroethene	9.151	130	149550	50.559	ug/l	91
45) 1,2-Dichloropropane	9.422	63	166124	56.074	ug/l	96
46) Dibromomethane	9.516	93	110547	54.956	ug/l	89
47) Bromodichloromethane	9.698	83	224065	57.511	ug/l	100
48) Methyl methacrylate	9.498	41	214077	56.532	ug/l	87
49) 1,4-Dioxane	9.504	88	86165	1198.598	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1610547	310.525	ug/l	90
52) Toluene	10.439	92	385442	53.658	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	233935	54.544	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	254294	54.919	ug/l #	90
55) 1,1,2-Trichloroethane	10.839	97	162651	55.001	ug/l	97
56) Ethyl methacrylate	10.698	69	269421	56.366	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	280986	55.427	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	623087	292.294	ug/l	93
59) 2-Hexanone	11.028	43	1219810	308.536	ug/l	88
60) Dibromochloromethane	11.175	129	164058	58.187	ug/l	99
61) 1,2-Dibromoethane	11.286	107	164038	55.535	ug/l	100
64) Tetrachloroethene	10.916	164	136011	48.523	ug/l	97
65) Chlorobenzene	11.710	112	404784	52.140	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	149977	52.522	ug/l	98
67) Ethyl Benzene	11.780	91	745383	52.886	ug/l	99
68) m/p-Xylenes	11.892	106	555061	104.352	ug/l	93
69) o-Xylene	12.222	106	282825	52.085	ug/l	96
70) Styrene	12.233	104	465758	55.556	ug/l	98
71) Bromoform	12.398	173	122405	58.583	ug/l #	97
73) Isopropylbenzene	12.516	105	752080	51.782	ug/l	97
74) N-amyl acetate	12.327	43	368444	50.662	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	257470	53.421	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	226892m	51.591	ug/l	
77) Bromobenzene	12.798	156	168350	49.854	ug/l	84
78) n-propylbenzene	12.857	91	865149	53.619	ug/l	97
79) 2-Chlorotoluene	12.945	91	523057	51.220	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	622614	52.593	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	77727	48.470	ug/l	89
82) 4-Chlorotoluene	13.045	91	513271	51.917	ug/l	97
83) tert-Butylbenzene	13.263	119	547490	51.586	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	620963	52.538	ug/l	96
85) sec-Butylbenzene	13.439	105	779493	54.696	ug/l	98
86) p-Isopropyltoluene	13.557	119	633174	54.999	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	306176	50.541	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	309173	50.936	ug/l	99
89) n-Butylbenzene	13.880	91	536729	55.949	ug/l	98
90) Hexachloroethane	14.145	117	111713	52.069	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	313709	50.835	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	60876	51.967	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	168819	52.538	ug/l	98
94) Hexachlorobutadiene	15.304	225	73735	51.620	ug/l	99
95) Naphthalene	15.433	128	639077	49.301	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	174806	52.737	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
Data File : VN073456.D
Acq On : 14 Jul 2022 11:53
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 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

Quant Time: Jul 15 02:00:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073456.D
 Acq On : 14 Jul 2022 11:53
 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 15 02:00:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

