

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022422\
 Data File : VN071048.D
 Acq On : 24 Feb 2022 11:38
 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 02/25/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 25 02:41:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	617681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	964102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	895871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	384184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	343392	48.668	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.340%		
35) Dibromofluoromethane	8.016	113	270169	47.113	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.220%		
50) Toluene-d8	10.433	98	1073114	46.598	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.200%		
62) 4-Bromofluorobenzene	12.727	95	370996	45.070	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	314676	49.050	ug/l	99
3) Chloromethane	2.299	50	414122	51.355	ug/l	97
4) Vinyl Chloride	2.446	62	387713	48.030	ug/l	100
5) Bromomethane	2.828	94	211113	46.038	ug/l	99
6) Chloroethane	3.004	64	255377	48.222	ug/l	96
7) Trichlorofluoromethane	3.369	101	530578	52.448	ug/l	97
8) Diethyl Ether	3.822	74	223834	50.898	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.216	101	309193	49.816	ug/l	96
10) Methyl Iodide	4.416	142	428091	49.801	ug/l	98
11) Tert butyl alcohol	5.357	59	348411	270.949	ug/l	99
12) 1,1-Dichloroethene	4.181	96	294799	48.750	ug/l	98
13) Acrolein	4.040	56	301660	262.532	ug/l	100
14) Allyl chloride	4.840	41	613752	53.218	ug/l	86
15) Acrylonitrile	5.545	53	1135074	299.678	ug/l	98
16) Acetone	4.281	43	902192	232.175	ug/l	96
17) Carbon Disulfide	4.534	76	748564	43.167	ug/l	98
18) Methyl Acetate	4.845	43	509723	60.029	ug/l	96
19) Methyl tert-butyl Ether	5.604	73	1153263	54.367	ug/l	95
20) Methylene Chloride	5.093	84	364053	51.550	ug/l	91
21) trans-1,2-Dichloroethene	5.593	96	319615	49.244	ug/l	90
22) Diisopropyl ether	6.487	45	1306016	59.044	ug/l	94
23) Vinyl Acetate	6.428	43	5493773	293.406	ug/l	98
24) 1,1-Dichloroethane	6.381	63	674093	54.364	ug/l	99
25) 2-Butanone	7.328	43	1480137	286.334	ug/l	97
26) 2,2-Dichloropropane	7.322	77	530284	51.458	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	387810	51.987	ug/l	91
28) Bromochloromethane	7.651	49	255314	50.873	ug/l	86
29) Tetrahydrofuran	7.675	42	1035662	309.269	ug/l	92
30) Chloroform	7.810	83	648326	53.162	ug/l	99
31) Cyclohexane	8.092	56	622154	50.984	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	551515	52.367	ug/l	98
36) 1,1-Dichloropropene	8.216	75	484738	51.595	ug/l	97
37) Ethyl Acetate	7.404	43	621369	61.669	ug/l	98
38) Carbon Tetrachloride	8.204	117	478147	51.653	ug/l	99
39) Methylcyclohexane	9.457	83	597433	49.419	ug/l	95
40) Benzene	8.457	78	1487450	53.524	ug/l	100

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Quant Title : SW846 8260

QLast Update : Mon Feb 21 07:57:15 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	298829	56.311	ug/l	93
42) 1,2-Dichloroethane	8.528	62	529842	55.980	ug/l	98
43) Isopropyl Acetate	8.551	43	936257	58.952	ug/l	99
44) Trichloroethene	9.210	130	358453	48.983	ug/l	96
45) 1,2-Dichloropropane	9.486	63	397693	55.866	ug/l	100
46) Dibromomethane	9.575	93	246157	52.545	ug/l	98
47) Bromodichloromethane	9.757	83	507787	53.632	ug/l	100
48) Methyl methacrylate	9.551	41	455282	60.564	ug/l #	83
49) 1,4-Dioxane	9.563	88	156002	1168.403	ug/l	89
51) 4-Methyl-2-Pentanone	10.327	43	3015835	312.107	ug/l	98
52) Toluene	10.498	92	931324	53.333	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	549736	53.397	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	611381	54.075	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	367466	53.759	ug/l	98
56) Ethyl methacrylate	10.757	69	608771	59.111	ug/l	90
57) 1,3-Dichloropropane	11.039	76	662090	55.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	495890	220.730	ug/l	94
59) 2-Hexanone	11.080	43	2077913	312.673	ug/l	98
60) Dibromochloromethane	11.233	129	385624	53.382	ug/l	100
61) 1,2-Dibromoethane	11.339	107	369289	53.115	ug/l	100
64) Tetrachloroethene	10.975	164	326821	46.843	ug/l	99
65) Chlorobenzene	11.763	112	980236	50.777	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	363811	51.700	ug/l	99
67) Ethyl Benzene	11.839	91	1788566	52.936	ug/l	98
68) m/p-Xylenes	11.951	106	1366338	104.692	ug/l	99
69) o-Xylene	12.274	106	674764	52.927	ug/l	98
70) Styrene	12.286	104	1084943	53.520	ug/l	98
71) Bromoform	12.451	173	288709	51.515	ug/l #	100
73) Isopropylbenzene	12.574	105	1745854	56.457	ug/l	99
74) N-amyl acetate	12.380	43	616646	62.383	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	567223	57.723	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	488207m	53.971	ug/l	
77) Bromobenzene	12.857	156	406596	53.711	ug/l	86
78) n-propylbenzene	12.916	91	1971476	56.743	ug/l	98
79) 2-Chlorotoluene	13.004	91	1185578	56.190	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1425610	56.904	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	160467	57.485	ug/l	91
82) 4-Chlorotoluene	13.098	91	1132940	55.315	ug/l	95
83) tert-Butylbenzene	13.316	119	1281663	53.943	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1370230	55.562	ug/l	100
85) sec-Butylbenzene	13.498	105	1740438	55.593	ug/l	99
86) p-Isopropyltoluene	13.610	119	1413504	54.999	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	693744	51.769	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	668051	50.881	ug/l	99
89) n-Butylbenzene	13.939	91	1052899	50.214	ug/l	96
90) Hexachloroethane	14.204	117	259073	56.445	ug/l	91
91) 1,2-Dichlorobenzene	13.980	146	667922	53.078	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	91093	57.215	ug/l	90
93) 1,2,4-Trichlorobenzene	15.257	180	291028	41.500	ug/l	98
94) Hexachlorobutadiene	15.362	225	199319	43.436	ug/l	99
95) Naphthalene	15.504	128	654070	39.270	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	274732	42.529	ug/l	99

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

