

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073545.D
 Acq On : 21 Jul 2022 00:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 21 08:29:05 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 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

Supervised By : Mahesh
 Dadoda
 07/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	195623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	344138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	323080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	164659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	144038	51.004	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.000%			
35) Dibromofluoromethane	7.951	113	119845	52.343	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.680%			
50) Toluene-d8	10.380	98	401733	49.402	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.800%			
62) 4-Bromofluorobenzene	12.674	95	166662	53.331	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	167064	58.413	ug/l	100
3) Chloromethane	2.263	50	147039	52.955	ug/l	98
4) Vinyl Chloride	2.404	62	135909	57.607	ug/l	98
5) Bromomethane	2.775	94	29646	26.605	ug/l	100
6) Chloroethane	2.940	64	82763	59.635	ug/l	98
7) Trichlorofluoromethane	3.299	101	197429	48.404	ug/l	95
8) Diethyl Ether	3.763	74	95828	57.715	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.128	101	122774	50.943	ug/l	96
10) Methyl Iodide	4.340	142	70673	24.664	ug/l	97
11) Tert butyl alcohol	5.293	59	203864	298.000	ug/l	99
12) 1,1-Dichloroethene	4.104	96	125567	54.526	ug/l	97
13) Acrolein	3.975	56	58096	134.356	ug/l	98
14) Allyl chloride	4.757	41	262178	54.043	ug/l #	91
15) Acrylonitrile	5.475	53	561122	318.625	ug/l	99
16) Acetone	4.222	43	503302	317.505	ug/l	95
17) Carbon Disulfide	4.451	76	340127	56.960	ug/l	100
18) Methyl Acetate	4.775	43	274962	61.897	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	477191	56.855	ug/l	100
20) Methylene Chloride	5.010	84	154247	55.369	ug/l	93
21) trans-1,2-Dichloroethene	5.504	96	131791	54.771	ug/l	93
22) Diisopropyl ether	6.410	45	533849	58.972	ug/l #	94
23) Vinyl Acetate	6.351	43	2396976	295.738	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	268850	57.389	ug/l	99
25) 2-Butanone	7.257	43	816836	323.657	ug/l #	89
26) 2,2-Dichloropropane	7.251	77	123574	28.521	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	160281	55.005	ug/l	99
28) Bromochloromethane	7.581	49	116179	59.215	ug/l #	81
29) Tetrahydrofuran	7.610	42	550439	318.526	ug/l	87
30) Chloroform	7.745	83	264358	56.027	ug/l	98
31) Cyclohexane	8.022	56	244215	52.803	ug/l	86
32) 1,1,1-Trichloroethane	7.939	97	224187	53.316	ug/l	98
36) 1,1-Dichloropropene	8.151	75	187306	53.167	ug/l	99
37) Ethyl Acetate	7.339	43	317818	59.704	ug/l #	95
38) Carbon Tetrachloride	8.134	117	184789	50.721	ug/l	99
39) Methylcyclohexane	9.392	83	228836	52.173	ug/l	95
40) Benzene	8.392	78	603963	55.549	ug/l	100

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41) Methacrylonitrile	7.569	41	136776	52.980	ug/l	93
42) 1,2-Dichloroethane	8.463	62	210732	53.469	ug/l	99
43) Isopropyl Acetate	8.492	43	452479	59.145	ug/l	92
44) Trichloroethene	9.151	130	142592	51.536	ug/l	98
45) 1,2-Dichloropropane	9.428	63	154575	55.779	ug/l	98
46) Dibromomethane	9.516	93	104414	55.492	ug/l	94
47) Bromodichloromethane	9.698	83	206232	56.590	ug/l	100
48) Methyl methacrylate	9.498	41	202000	57.027	ug/l	89
49) 1,4-Dioxane	9.504	88	87533	1301.716	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1550909	319.677	ug/l	90
52) Toluene	10.445	92	372535	55.443	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	205619	51.252	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	224842	51.912	ug/l #	90
55) 1,1,2-Trichloroethane	10.839	97	149588	54.077	ug/l	97
56) Ethyl methacrylate	10.704	69	262533	58.718	ug/l #	85
57) 1,3-Dichloropropane	10.986	76	261476	55.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	556629	279.151	ug/l	93
59) 2-Hexanone	11.027	43	1210758	327.395	ug/l	89
60) Dibromochloromethane	11.180	129	155275	58.875	ug/l	100
61) 1,2-Dibromoethane	11.286	107	156965	56.810	ug/l	100
64) Tetrachloroethene	10.916	164	138682	52.567	ug/l	96
65) Chlorobenzene	11.710	112	385005	52.691	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	138964	51.705	ug/l	99
67) Ethyl Benzene	11.786	91	709938	53.518	ug/l	99
68) m/p-Xylenes	11.892	106	541645	108.192	ug/l	97
69) o-Xylene	12.221	106	269853	52.801	ug/l	97
70) Styrene	12.233	104	442387	56.065	ug/l	99
71) Bromoform	12.398	173	117217	59.604	ug/l #	99
73) Isopropylbenzene	12.521	105	699471	49.193	ug/l	99
74) N-amyl acetate	12.327	43	364052	51.132	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	239521	50.763	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	222841m	51.757	ug/l	
77) Bromobenzene	12.804	156	161656	48.899	ug/l	89
78) n-propylbenzene	12.863	91	798710	50.564	ug/l	97
79) 2-Chlorotoluene	12.945	91	486537	48.666	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	570546	49.229	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	66444	42.323	ug/l	92
82) 4-Chlorotoluene	13.045	91	469671	48.526	ug/l	96
83) tert-Butylbenzene	13.263	119	522193	50.258	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	570309	49.288	ug/l	98
85) sec-Butylbenzene	13.439	105	712749	51.086	ug/l	99
86) p-Isopropyltoluene	13.557	119	582572	51.690	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	286171	48.252	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	284439	47.867	ug/l	100
89) n-Butylbenzene	13.880	91	472220	50.281	ug/l	98
90) Hexachloroethane	14.151	117	103778	49.408	ug/l	89
91) 1,2-Dichlorobenzene	13.927	146	297948	49.317	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.545	75	58560	51.063	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	153718	48.865	ug/l	99
94) Hexachlorobutadiene	15.304	225	72944	52.162	ug/l	98
95) Naphthalene	15.433	128	659398	51.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	160745	49.536	ug/l	98

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

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