

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
 Data File : VN072757.D
 Acq On : 10 Jun 2022 10:55
 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 06/11/2022
 Supervised By : Mahesh Dadoda 06/13/2022

Quant Time: Jun 11 01:52:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	163468	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	287319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	298150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	146462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	215539	49.127	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.260%		
35) Dibromofluoromethane	8.016	113	144603	50.863	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.720%		
50) Toluene-d8	10.439	98	586128	51.674	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.340%		
62) 4-Bromofluorobenzene	12.727	95	212101	54.493	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	126901	47.856	ug/l	100
3) Chloromethane	2.293	50	135517	47.038	ug/l	97
4) Vinyl Chloride	2.434	62	136397	46.973	ug/l	97
5) Bromomethane	2.822	94	71311	53.695	ug/l	93
6) Chloroethane	2.999	64	95282	51.723	ug/l	99
7) Trichlorofluoromethane	3.363	101	225836	48.864	ug/l	98
8) Diethyl Ether	3.816	74	90619	48.224	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.204	101	123865	48.943	ug/l	89
10) Methyl Iodide	4.416	142	116374	49.316	ug/l	# 85
11) Tert butyl alcohol	5.357	59	206367	197.178	ug/l	99
12) 1,1-Dichloroethene	4.175	96	109738	46.525	ug/l	84
13) Acrolein	4.034	56	99006	229.047	ug/l	98
14) Allyl chloride	4.834	41	252032	46.282	ug/l	90
15) Acrylonitrile	5.545	53	511833	230.816	ug/l	99
16) Acetone	4.281	43	485006	230.701	ug/l	91
17) Carbon Disulfide	4.522	76	238046	43.761	ug/l	100
18) Methyl Acetate	4.845	43	249064	45.533	ug/l	92
19) Methyl tert-butyl Ether	5.604	73	522452	48.970	ug/l	99
20) Methylene Chloride	5.093	84	142777	47.569	ug/l	# 82
21) trans-1,2-Dichloroethene	5.587	96	121811	46.900	ug/l	88
22) Diisopropyl ether	6.487	45	544586	49.341	ug/l	92
23) Vinyl Acetate	6.428	43	2471690	244.602	ug/l	# 93
24) 1,1-Dichloroethane	6.381	63	279231	48.720	ug/l	99
25) 2-Butanone	7.328	43	752056	222.381	ug/l	92
26) 2,2-Dichloropropane	7.322	77	257423	49.675	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	158925	48.108	ug/l	86
28) Bromochloromethane	7.651	49	136067	50.266	ug/l	# 74
29) Tetrahydrofuran	7.675	42	476541	228.042	ug/l	89
30) Chloroform	7.810	83	293370	49.103	ug/l	99
31) Cyclohexane	8.092	56	235285	50.663	ug/l	87
32) 1,1,1-Trichloroethane	8.010	97	258040	48.875	ug/l	97
36) 1,1-Dichloropropene	8.216	75	201853	51.151	ug/l	95
37) Ethyl Acetate	7.404	43	306919	50.061	ug/l	94
38) Carbon Tetrachloride	8.204	117	220306	52.241	ug/l	99
39) Methylcyclohexane	9.457	83	238956	52.181	ug/l	93
40) Benzene	8.457	78	598245	49.957	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	106909m	51.730	ug/l	
42) 1,2-Dichloroethane	8.522	62	253339	51.024	ug/l	96
43) Isopropyl Acetate	8.557	43	472645	49.502	ug/l #	93
44) Trichloroethene	9.210	130	142499	51.112	ug/l	83
45) 1,2-Dichloropropane	9.486	63	167263	51.688	ug/l	97
46) Dibromomethane	9.575	93	113553	50.197	ug/l #	83
47) Bromodichloromethane	9.757	83	242797	52.211	ug/l	98
48) Methyl methacrylate	9.557	41	224519	49.700	ug/l #	84
49) 1,4-Dioxane	9.563	88	76500	926.414	ug/l #	90
51) 4-Methyl-2-Pentanone	10.327	43	1562949	251.352	ug/l	91
52) Toluene	10.498	92	389806	52.135	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	271435	52.545	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	283401	53.095	ug/l #	84
55) 1,1,2-Trichloroethane	10.892	97	161424	50.030	ug/l	93
56) Ethyl methacrylate	10.757	69	294654	51.634	ug/l #	77
57) 1,3-Dichloropropane	11.039	76	296745	51.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	602109	264.743	ug/l	94
59) 2-Hexanone	11.080	43	1171220	256.149	ug/l	88
60) Dibromochloromethane	11.233	129	175232	52.325	ug/l	98
61) 1,2-Dibromoethane	11.339	107	169574	51.281	ug/l	97
64) Tetrachloroethene	10.974	164	128152	51.054	ug/l	91
65) Chlorobenzene	11.769	112	413135	52.000	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	158568	50.173	ug/l	99
67) Ethyl Benzene	11.839	91	792841	53.073	ug/l	99
68) m/p-Xylenes	11.951	106	573385	108.006	ug/l	90
69) o-Xylene	12.274	106	289029	54.160	ug/l	91
70) Styrene	12.292	104	464934	55.432	ug/l	94
71) Bromoform	12.457	173	119070	53.564	ug/l #	98
73) Isopropylbenzene	12.574	105	775113	49.338	ug/l	97
74) N-amyl acetate	12.380	43	372524	51.018	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.821	83	252786	46.353	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	209797m	44.390	ug/l	
77) Bromobenzene	12.857	156	152684	49.301	ug/l	72
78) n-propylbenzene	12.916	91	887864	51.761	ug/l	96
79) 2-Chlorotoluene	13.004	91	537465	49.947	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	636484	51.131	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	87648	48.500	ug/l	89
82) 4-Chlorotoluene	13.098	91	510357	51.352	ug/l	94
83) tert-Butylbenzene	13.321	119	549021	50.216	ug/l	90
84) 1,2,4-Trimethylbenzene	13.363	105	613421	51.502	ug/l	95
85) sec-Butylbenzene	13.498	105	775726	52.583	ug/l	97
86) p-Isopropyltoluene	13.610	119	623206	53.703	ug/l	94
87) 1,3-Dichlorobenzene	13.610	146	270258	51.378	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	265827	51.583	ug/l	95
89) n-Butylbenzene	13.939	91	537592	54.984	ug/l	96
90) Hexachloroethane	14.204	117	125252	49.867	ug/l	72
91) 1,2-Dichlorobenzene	13.986	146	262869	50.985	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	57801	43.877	ug/l	71
93) 1,2,4-Trichlorobenzene	15.262	180	129386	52.166	ug/l	98
94) Hexachlorobutadiene	15.362	225	58242	52.420	ug/l	99
95) Naphthalene	15.504	128	487700	50.680	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	126770	51.327	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

