

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072826.D
 Acq On : 14 Jun 2022 04:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2022
 Supervised By : Mahesh Dadoda 06/14/2022

Quant Time: Jun 14 05:25:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 17:28:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	142301	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	269679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	271015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	134549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	209746	52.644	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.280%			
35) Dibromofluoromethane	8.016	113	138278	51.484	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.960%			
50) Toluene-d8	10.439	98	557088	51.648	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.300%			
62) 4-Bromofluorobenzene	12.727	95	191575	50.260	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	102864	46.267	ug/l	99
3) Chloromethane	2.293	50	111751	51.943	ug/l	98
4) Vinyl Chloride	2.434	62	121883	47.661	ug/l	100
5) Bromomethane	2.828	94	52613	51.225	ug/l	94
6) Chloroethane	2.998	64	87748	55.021	ug/l	95
7) Trichlorofluoromethane	3.363	101	192556	48.459	ug/l	95
8) Diethyl Ether	3.822	74	78009	50.079	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.204	101	99021	45.112	ug/l	88
10) Methyl Iodide	4.416	142	94979	62.831	ug/l	# 86
11) Tert butyl alcohol	5.363	59	195385	49.909	ug/l	99
12) 1,1-Dichloroethene	4.175	96	90466	45.743	ug/l	88
13) Acrolein	4.040	56	46264	247.000	ug/l	97
14) Allyl chloride	4.834	41	211125	45.908	ug/l	# 89
15) Acrylonitrile	5.545	53	489872	264.260	ug/l	99
16) Acetone	4.281	43	468610	258.998	ug/l	90
17) Carbon Disulfide	4.528	76	187385	46.714	ug/l	99
18) Methyl Acetate	4.851	43	254826	53.584	ug/l	# 89
19) Methyl tert-butyl Ether	5.616	73	462068	50.106	ug/l	100
20) Methylene Chloride	5.092	84	126589	51.801	ug/l	# 86
21) trans-1,2-Dichloroethene	5.587	96	100404	50.415	ug/l	88
22) Diisopropyl ether	6.492	45	504647	52.400	ug/l	93
23) Vinyl Acetate	6.428	43	2290773	262.913	ug/l	# 92
24) 1,1-Dichloroethane	6.381	63	249698	49.578	ug/l	99
25) 2-Butanone	7.328	43	750383	264.410	ug/l	90
26) 2,2-Dichloropropane	7.322	77	129010	27.678	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	135795	48.326	ug/l	89
28) Bromochloromethane	7.651	49	127406	52.566	ug/l	# 72
29) Tetrahydrofuran	7.675	42	466996	265.639	ug/l	87
30) Chloroform	7.816	83	263490	50.377	ug/l	99
31) Cyclohexane	8.092	56	191779	50.553	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	228078	49.309	ug/l	96
36) 1,1-Dichloropropene	8.222	75	169410	45.267	ug/l	96
37) Ethyl Acetate	7.404	43	279949	48.959	ug/l	94
38) Carbon Tetrachloride	8.204	117	184506	47.035	ug/l	97
39) Methylcyclohexane	9.457	83	188461	44.433	ug/l	92
40) Benzene	8.457	78	527440	47.567	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	152441	55.670	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	234726	48.997	ug/l	94
43) Isopropyl Acetate	8.557	43	481154	54.357	ug/l #	89
44) Trichloroethene	9.216	130	118391	46.929	ug/l	81
45) 1,2-Dichloropropane	9.486	63	151963	48.723	ug/l	96
46) Dibromomethane	9.575	93	105764	50.541	ug/l #	79
47) Bromodichloromethane	9.757	83	223256	51.335	ug/l	99
48) Methyl methacrylate	9.557	41	214325	52.177	ug/l #	82
49) 1,4-Dioxane	9.563	88	69305	987.527	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	1542228	262.667	ug/l	89
52) Toluene	10.504	92	339032	48.170	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	220672	47.821	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	227479	46.448	ug/l #	83
55) 1,1,2-Trichloroethane	10.898	97	148920	49.942	ug/l	93
56) Ethyl methacrylate	10.757	69	265442	50.959	ug/l #	74
57) 1,3-Dichloropropane	11.039	76	266510	49.766	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	601892	273.224	ug/l	91
59) 2-Hexanone	11.080	43	1151316	264.723	ug/l	87
60) Dibromochloromethane	11.233	129	153868	49.637	ug/l	100
61) 1,2-Dibromoethane	11.345	107	149612	49.704	ug/l	100
64) Tetrachloroethene	10.974	164	89008	42.906	ug/l #	89
65) Chlorobenzene	11.769	112	346098	48.435	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	140309	51.494	ug/l	99
67) Ethyl Benzene	11.839	91	667288	50.003	ug/l	97
68) m/p-Xylenes	11.951	106	468410	98.145	ug/l	88
69) o-Xylene	12.274	106	243960	50.780	ug/l	91
70) Styrene	12.292	104	392060	51.260	ug/l	94
71) Bromoform	12.457	173	101453	51.192	ug/l #	99
73) Isopropylbenzene	12.574	105	642818	46.871	ug/l	97
74) N-amyl acetate	12.386	43	353609	53.765	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.821	83	239618	49.517	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	229817m	49.767	ug/l	
77) Bromobenzene	12.857	156	125810	45.730	ug/l	64
78) n-propylbenzene	12.916	91	733218	48.017	ug/l	94
79) 2-Chlorotoluene	13.004	91	454351	47.496	ug/l	92
80) 1,3,5-Trimethylbenzene	13.057	105	523722	47.235	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	65555	43.267	ug/l #	85
82) 4-Chlorotoluene	13.098	91	423851	47.555	ug/l	94
83) tert-Butylbenzene	13.321	119	469494	47.527	ug/l	90
84) 1,2,4-Trimethylbenzene	13.363	105	516051	48.469	ug/l	94
85) sec-Butylbenzene	13.498	105	637056	48.164	ug/l	96
86) p-Isopropyltoluene	13.610	119	504340	48.951	ug/l	94
87) 1,3-Dichlorobenzene	13.610	146	218792	46.374	ug/l	95
88) 1,4-Dichlorobenzene	13.692	146	216060	46.402	ug/l	95
89) n-Butylbenzene	13.939	91	423260	48.438	ug/l	96
90) Hexachloroethane	14.210	117	106109	48.171	ug/l	68
91) 1,2-Dichlorobenzene	13.986	146	222549	47.626	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.604	75	55160	51.981	ug/l	70
93) 1,2,4-Trichlorobenzene	15.262	180	105286	49.669	ug/l	97
94) Hexachlorobutadiene	15.368	225	45651	44.781	ug/l	97
95) Naphthalene	15.504	128	459828	54.984	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	111038	50.325	ug/l	97

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

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