

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072801.D
 Acq On : 13 Jun 2022 12:39
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 13:37:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 13:32:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	168045	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	304216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	343314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	169743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	698554	231.225	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 462.460%#			
35) Dibromofluoromethane	8.016	113	460751	205.468	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 410.940%#			
50) Toluene-d8	10.439	98	1874636	216.665	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 433.340%#			
62) 4-Bromofluorobenzene	12.727	95	717485	246.090	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 492.180%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	364824	166.520	ug/l	99
3) Chloromethane	2.293	50	377016	159.595	ug/l	99
4) Vinyl Chloride	2.434	62	399221	202.849	ug/l	100
5) Bromomethane	2.804	94	172578	156.737	ug/l	97
6) Chloroethane	2.957	64	276811	212.233	ug/l	99
7) Trichlorofluoromethane	3.334	101	656696	185.528	ug/l	100
8) Diethyl Ether	3.810	74	267214	206.686	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.187	101	357345	184.696	ug/l	89
10) Methyl Iodide	4.404	142	293148	127.954	ug/l #	84
11) Tert butyl alcohol	5.375	59	738840	1399.531	ug/l	99
12) 1,1-Dichloroethene	4.163	96	323177	180.709	ug/l	85
13) Acrolein	4.034	56	165970	440.537	ug/l	98
14) Allyl chloride	4.822	41	773238	221.461	ug/l #	88
15) Acrylonitrile	5.545	53	1686693	1276.311	ug/l	99
16) Acetone	4.281	43	1549887	1291.158	ug/l	91
17) Carbon Disulfide	4.510	76	714548	159.980	ug/l	99
18) Methyl Acetate	4.840	43	817039	237.869	ug/l	90
19) Methyl tert-butyl Ether	5.610	73	1591103	232.163	ug/l	100
20) Methylene Chloride	5.081	84	428194	189.009	ug/l #	82
21) trans-1,2-Dichloroethene	5.587	96	355311	189.225	ug/l	87
22) Diisopropyl ether	6.487	45	1691239	233.839	ug/l	95
23) Vinyl Acetate	6.422	43	7791023	1264.511	ug/l #	93
24) 1,1-Dichloroethane	6.381	63	847886	213.018	ug/l	97
25) 2-Butanone	7.328	43	2528001	1325.496	ug/l	90
26) 2,2-Dichloropropane	7.316	77	760514	223.404	ug/l	95
27) cis-1,2-Dichloroethene	7.316	96	472002	203.168	ug/l	85
28) Bromochloromethane	7.651	49	422955	238.519	ug/l #	73
29) Tetrahydrofuran	7.681	42	1564320	1281.833	ug/l	89
30) Chloroform	7.810	83	893490	218.629	ug/l	99
31) Cyclohexane	8.092	56	658233	177.566	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	787913	212.458	ug/l	96
36) 1,1-Dichloropropene	8.216	75	595239	192.881	ug/l	95
37) Ethyl Acetate	7.404	43	952524	240.183	ug/l #	94
38) Carbon Tetrachloride	8.204	117	658681	191.809	ug/l	98
39) Methylcyclohexane	9.457	83	674992	195.502	ug/l	93
40) Benzene	8.451	78	1796099	193.403	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	472025	235.128	ug/l #	88
42) 1,2-Dichloroethane	8.522	62	782531	205.080	ug/l	94
43) Isopropyl Acetate	8.557	43	1535218	250.297	ug/l #	92
44) Trichloroethene	9.210	130	419285	181.099	ug/l	83
45) 1,2-Dichloropropane	9.486	63	511671	212.327	ug/l	99
46) Dibromomethane	9.575	93	353540	210.062	ug/l #	81
47) Bromodichloromethane	9.757	83	753432	218.527	ug/l	98
48) Methyl methacrylate	9.557	41	761038	270.242	ug/l #	83
49) 1,4-Dioxane	9.569	88	263980	5328.046	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	5332431	1367.552	ug/l	92
52) Toluene	10.504	92	1180168	205.284	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	883890	249.467	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	867660	231.835	ug/l #	83
55) 1,1,2-Trichloroethane	10.898	97	510816	210.342	ug/l	96
56) Ethyl methacrylate	10.757	69	976461	269.739	ug/l #	78
57) 1,3-Dichloropropane	11.039	76	921363	221.935	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	2181038	2245.617	ug/l	91
59) 2-Hexanone	11.080	43	3972182	1422.561	ug/l	89
60) Dibromochloromethane	11.233	129	561881	218.441	ug/l	99
61) 1,2-Dibromoethane	11.339	107	532189	220.181	ug/l	100
64) Tetrachloroethene	10.975	164	351285	140.038	ug/l	90
65) Chlorobenzene	11.769	112	1300357	176.746	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	511202	172.980	ug/l	98
67) Ethyl Benzene	11.839	91	2488359	193.614	ug/l	97
68) m/p-Xylenes	11.951	106	1799752	375.244	ug/l	89
69) o-Xylene	12.274	106	910830	191.914	ug/l	89
70) Styrene	12.292	104	1537815	210.525	ug/l	94
71) Bromoform	12.457	173	395082	182.910	ug/l #	100
73) Isopropylbenzene	12.574	105	2442799	169.062	ug/l	98
74) N-amyl acetate	12.386	43	1267530	227.637	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.821	83	798240	148.980	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	836288m	176.706	ug/l	
77) Bromobenzene	12.857	156	486201	144.546	ug/l	67
78) n-propylbenzene	12.916	91	2900142	186.367	ug/l	95
79) 2-Chlorotoluene	13.004	91	1724304	169.484	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	1997764	170.010	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	306157	210.621	ug/l	90
82) 4-Chlorotoluene	13.104	91	1655631	172.325	ug/l	94
83) tert-Butylbenzene	13.321	119	1753312	170.117	ug/l	88
84) 1,2,4-Trimethylbenzene	13.363	105	1962283	170.776	ug/l	94
85) sec-Butylbenzene	13.498	105	2491336	179.895	ug/l	97
86) p-Isopropyltoluene	13.610	119	2007511	186.817	ug/l	94
87) 1,3-Dichlorobenzene	13.610	146	868384	149.366	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	839197	144.538	ug/l	95
89) n-Butylbenzene	13.939	91	1808607	215.427	ug/l	97
90) Hexachloroethane	14.210	117	411425	187.257	ug/l	72
91) 1,2-Dichlorobenzene	13.986	146	834053	143.628	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	216185	224.817	ug/l	71
93) 1,2,4-Trichlorobenzene	15.262	180	454217	202.508	ug/l	97
94) Hexachlorobutadiene	15.368	225	184284	129.195	ug/l	100
95) Naphthalene	15.504	128	1850900	266.009	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	460726	203.282	ug/l	96

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

