

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071907.D
 Acq On : 08 Apr 2022 10:09
 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 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Quant Time: Apr 09 05:05:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	566837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	855903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	806119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	319665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	295892	45.725	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.460%		
35) Dibromofluoromethane	8.016	113	257780	51.182	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.360%		
50) Toluene-d8	10.439	98	1042031	50.576	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.160%		
62) 4-Bromofluorobenzene	12.727	95	345168	51.801	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	195875	43.466	ug/l	99
3) Chloromethane	2.299	50	230953	40.444	ug/l	100
4) Vinyl Chloride	2.440	62	256392	40.885	ug/l	99
5) Bromomethane	2.828	94	161207	39.545	ug/l	100
6) Chloroethane	2.999	64	183083	40.583	ug/l	100
7) Trichlorofluoromethane	3.369	101	364470	45.682	ug/l	97
8) Diethyl Ether	3.822	74	166024	49.239	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.210	101	237278	48.260	ug/l	98
10) Methyl Iodide	4.422	142	312603	45.484	ug/l	99
11) Tert butyl alcohol	5.363	59	254702	242.538	ug/l	99
12) 1,1-Dichloroethene	4.181	96	212280	45.372	ug/l	95
13) Acrolein	4.040	56	320765	250.509	ug/l	99
14) Allyl chloride	4.840	41	349717	46.052	ug/l	94
15) Acrylonitrile	5.545	53	800242	262.164	ug/l	99
16) Acetone	4.281	43	585789	211.819	ug/l	95
17) Carbon Disulfide	4.528	76	415260	38.683	ug/l	99
18) Methyl Acetate	4.851	43	332680	48.534	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	867431	49.905	ug/l	99
20) Methylene Chloride	5.093	84	278162	47.720	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	237550	46.250	ug/l	97
22) Diisopropyl ether	6.492	45	831420	50.292	ug/l	96
23) Vinyl Acetate	6.428	43	3395380	258.272	ug/l	99
24) 1,1-Dichloroethane	6.381	63	478767	49.331	ug/l	98
25) 2-Butanone	7.328	43	980983	246.056	ug/l	96
26) 2,2-Dichloropropane	7.322	77	388487	46.596	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	310477	49.295	ug/l	97
28) Bromochloromethane	7.651	49	189339	48.363	ug/l	96
29) Tetrahydrofuran	7.681	42	640109	247.958	ug/l	98
30) Chloroform	7.816	83	504343	49.215	ug/l	99
31) Cyclohexane	8.092	56	378097	42.964	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	418547	47.742	ug/l	98
36) 1,1-Dichloropropene	8.216	75	341576	48.566	ug/l	100
37) Ethyl Acetate	7.404	43	380368	49.410	ug/l	97
38) Carbon Tetrachloride	8.204	117	348904	50.617	ug/l	99
39) Methylcyclohexane	9.457	83	414842	49.550	ug/l	99
40) Benzene	8.457	78	1117501	50.297	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	213967	56.765	ug/l	90
42) 1,2-Dichloroethane	8.528	62	368332	47.925	ug/l	97
43) Isopropyl Acetate	8.557	43	609697	47.616	ug/l	98
44) Trichloroethene	9.210	130	290340	50.724	ug/l	96
45) 1,2-Dichloropropane	9.486	63	293732	52.921	ug/l	100
46) Dibromomethane	9.575	93	192512	51.084	ug/l	98
47) Bromodichloromethane	9.757	83	402171	54.214	ug/l	97
48) Methyl methacrylate	9.557	41	266839	50.230	ug/l	89
49) 1,4-Dioxane	9.563	88	131647	1045.206	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	2019988	274.387	ug/l	97
52) Toluene	10.498	92	744115	52.983	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	429517	55.245	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	467920	54.470	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	310211	53.668	ug/l	97
56) Ethyl methacrylate	10.757	69	481428	58.385	ug/l	92
57) 1,3-Dichloropropane	11.039	76	517591	53.557	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	560997	222.958	ug/l	100
59) 2-Hexanone	11.080	43	1405415	271.153	ug/l	96
60) Dibromochloromethane	11.233	129	326329	57.901	ug/l	100
61) 1,2-Dibromoethane	11.339	107	307965	54.127	ug/l	100
64) Tetrachloroethene	10.975	164	255079	47.919	ug/l	99
65) Chlorobenzene	11.763	112	821565	50.898	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	301160	51.705	ug/l	99
67) Ethyl Benzene	11.839	91	1427976	52.259	ug/l	99
68) m/p-Xylenes	11.945	106	1103168	105.074	ug/l	100
69) o-Xylene	12.274	106	549893	52.768	ug/l	98
70) Styrene	12.286	104	889082	56.309	ug/l	99
71) Bromoform	12.451	173	252209	56.861	ug/l #	99
73) Isopropylbenzene	12.574	105	1429300	53.060	ug/l	100
74) N-amyl acetate	12.386	43	404105	52.358	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	448323	49.881	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	387958m	52.389	ug/l	
77) Bromobenzene	12.857	156	341773	50.612	ug/l	97
78) n-propylbenzene	12.916	91	1549742	54.692	ug/l	99
79) 2-Chlorotoluene	13.004	91	940833	51.774	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1143747	53.589	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	125557	52.543	ug/l	99
82) 4-Chlorotoluene	13.098	91	874857	51.939	ug/l	99
83) tert-Butylbenzene	13.316	119	1045267	53.577	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1123910	53.972	ug/l	100
85) sec-Butylbenzene	13.498	105	1395882	55.194	ug/l	100
86) p-Isopropyltoluene	13.610	119	1143722	56.718	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	558792	51.942	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	539692	51.421	ug/l	100
89) n-Butylbenzene	13.939	91	839680	56.142	ug/l	99
90) Hexachloroethane	14.210	117	204438	55.383	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	539330	51.066	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	74304	53.298	ug/l	99
93) 1,2,4-Trichlorobenzene	15.262	180	261347	51.314	ug/l	99
94) Hexachlorobutadiene	15.363	225	158179	50.781	ug/l	98
95) Naphthalene	15.504	128	721653	49.607	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	257356	52.113	ug/l	99

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

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