

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071672.D
 Acq On : 30 Mar 2022 20:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 31 01:37:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	600824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	953193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	862970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	362550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	346987	50.588	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.180%			
35) Dibromofluoromethane	8.022	113	286517	51.082	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.160%			
50) Toluene-d8	10.439	98	1160800	50.590	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.180%			
62) 4-Bromofluorobenzene	12.727	95	380080	51.218	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	227977	47.728	ug/l	98
3) Chloromethane	2.299	50	273870	45.247	ug/l	99
4) Vinyl Chloride	2.440	62	308487	46.410	ug/l	98
5) Bromomethane	2.834	94	193578	44.800	ug/l	97
6) Chloroethane	3.005	64	208681	43.641	ug/l	99
7) Trichlorofluoromethane	3.369	101	385727	45.611	ug/l	100
8) Diethyl Ether	3.822	74	173661	48.590	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.210	101	239600	45.976	ug/l	98
10) Methyl Iodide	4.416	142	345673	47.451	ug/l	100
11) Tert butyl alcohol	5.363	59	308188	276.869	ug/l	99
12) 1,1-Dichloroethene	4.181	96	232341	46.850	ug/l	99
13) Acrolein	4.040	56	344832	254.070	ug/l	98
14) Allyl chloride	4.840	41	379244	47.116	ug/l	98
15) Acrylonitrile	5.546	53	847220	261.854	ug/l	100
16) Acetone	4.281	43	679584	231.834	ug/l	99
17) Carbon Disulfide	4.528	76	504932	44.376	ug/l	100
18) Methyl Acetate	4.851	43	364092	50.163	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	895741	48.619	ug/l	99
20) Methylene Chloride	5.093	84	285390	46.191	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	248737	45.689	ug/l	97
22) Diisopropyl ether	6.493	45	850317	48.525	ug/l	99
23) Vinyl Acetate	6.428	43	3672327	263.537	ug/l	100
24) 1,1-Dichloroethane	6.387	63	494198	48.041	ug/l	98
25) 2-Butanone	7.328	43	1103027	261.017	ug/l	99
26) 2,2-Dichloropropane	7.322	77	389834	44.113	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	319226	47.817	ug/l	98
28) Bromochloromethane	7.651	49	199383	48.047	ug/l	98
29) Tetrahydrofuran	7.681	42	736224	269.057	ug/l	99
30) Chloroform	7.816	83	515661	47.473	ug/l	99
31) Cyclohexane	8.092	56	410629	44.021	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	440268	47.379	ug/l	99
36) 1,1-Dichloropropene	8.216	75	362693	46.305	ug/l	100
37) Ethyl Acetate	7.404	43	432030	50.393	ug/l	99
38) Carbon Tetrachloride	8.204	117	356086	46.386	ug/l	97
39) Methylcyclohexane	9.457	83	438724	47.054	ug/l	98
40) Benzene	8.457	78	1147375	46.371	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	206786	49.261	ug/l	99
42) 1,2-Dichloroethane	8.522	62	400047	46.738	ug/l	100
43) Isopropyl Acetate	8.557	43	648295	45.463	ug/l	99
44) Trichloroethene	9.210	130	309947	48.622	ug/l	100
45) 1,2-Dichloropropane	9.486	63	292989	47.399	ug/l	99
46) Dibromomethane	9.575	93	200282	47.721	ug/l	99
47) Bromodichloromethane	9.757	83	405607	49.096	ug/l	99
48) Methyl methacrylate	9.551	41	313646	53.015	ug/l	99
49) 1,4-Dioxane	9.563	88	145093	1034.237	ug/l	97
51) 4-Methyl-2-Pentanone	10.328	43	2191327	267.280	ug/l	99
52) Toluene	10.498	92	747792	47.810	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	435152	50.257	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	469692	49.095	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	309502	48.080	ug/l	98
56) Ethyl methacrylate	10.757	69	481188	52.400	ug/l	98
57) 1,3-Dichloropropane	11.039	76	513042	47.668	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	665993	236.551	ug/l	99
59) 2-Hexanone	11.080	43	1596283	276.544	ug/l	98
60) Dibromochloromethane	11.233	129	316550	50.433	ug/l	100
61) 1,2-Dibromoethane	11.339	107	311663	49.186	ug/l	99
64) Tetrachloroethene	10.975	164	259381	45.517	ug/l	96
65) Chlorobenzene	11.763	112	813199	47.061	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	300549	48.201	ug/l	100
67) Ethyl Benzene	11.839	91	1434705	49.046	ug/l	100
68) m/p-Xylenes	11.945	106	1109224	98.690	ug/l	100
69) o-Xylene	12.275	106	554923	49.743	ug/l	98
70) Styrene	12.292	104	900324	53.265	ug/l	99
71) Bromoform	12.451	173	247370	52.096	ug/l	99
73) Isopropylbenzene	12.575	105	1404383	45.968	ug/l	99
74) N-amyl acetate	12.380	43	465279	53.153	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	479381	47.028	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	410541m	48.881	ug/l	
77) Bromobenzene	12.857	156	342008	44.656	ug/l	100
78) n-propylbenzene	12.916	91	1535077	47.767	ug/l	99
79) 2-Chlorotoluene	13.004	91	949950	46.092	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1140031	47.097	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	139448	51.453	ug/l	98
82) 4-Chlorotoluene	13.098	91	897058	46.957	ug/l	100
83) tert-Butylbenzene	13.316	119	1038023	46.912	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1110398	47.015	ug/l	99
85) sec-Butylbenzene	13.498	105	1389400	48.439	ug/l	100
86) p-Isopropyltoluene	13.610	119	1129277	49.377	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	570830	46.784	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	545853	45.856	ug/l	98
89) n-Butylbenzene	13.939	91	817418	48.189	ug/l	100
90) Hexachloroethane	14.204	117	207442	49.549	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	553409	46.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	84394	53.375	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	257319	44.822	ug/l	100
94) Hexachlorobutadiene	15.363	225	152350	43.124	ug/l	99
95) Naphthalene	15.498	128	737300	45.065	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	255382	45.899	ug/l	99

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

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