

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071700.D
 Acq On : 31 Mar 2022 11:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 01:36:19 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	523206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	829595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	770820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	327546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	317010	53.074	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.140%			
35) Dibromofluoromethane	8.016	113	262415	53.755	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.500%			
50) Toluene-d8	10.439	98	1031059	51.631	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.260%			
62) 4-Bromofluorobenzene	12.727	95	367082	56.836	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	207365	49.853	ug/l	99
3) Chloromethane	2.299	50	246231	46.716	ug/l	98
4) Vinyl Chloride	2.440	62	268272	46.347	ug/l	99
5) Bromomethane	2.834	94	176969	47.032	ug/l	98
6) Chloroethane	3.010	64	183451	44.056	ug/l	98
7) Trichlorofluoromethane	3.369	101	351766	47.766	ug/l	99
8) Diethyl Ether	3.822	74	168615	54.177	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.210	101	221637	48.838	ug/l	99
10) Methyl Iodide	4.416	142	323169	50.943	ug/l	100
11) Tert butyl alcohol	5.357	59	274215	282.894	ug/l	100
12) 1,1-Dichloroethene	4.181	96	209414	48.492	ug/l	95
13) Acrolein	4.034	56	362722	306.899	ug/l	98
14) Allyl chloride	4.840	41	360765	51.469	ug/l	96
15) Acrylonitrile	5.546	53	782452	277.712	ug/l	98
16) Acetone	4.281	43	609452	238.753	ug/l	97
17) Carbon Disulfide	4.528	76	455267	45.946	ug/l	99
18) Methyl Acetate	4.851	43	341225	54.106	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	874840	54.529	ug/l	99
20) Methylene Chloride	5.093	84	274099	50.945	ug/l	99
21) trans-1,2-Dichloroethene	5.593	96	229296	48.366	ug/l	95
22) Diisopropyl ether	6.493	45	821009	53.803	ug/l	97
23) Vinyl Acetate	6.428	43	3531140	290.998	ug/l	100
24) 1,1-Dichloroethane	6.381	63	465552	51.970	ug/l	99
25) 2-Butanone	7.328	43	977452	265.615	ug/l	99
26) 2,2-Dichloropropane	7.322	77	384755	49.997	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	298908	51.416	ug/l	98
28) Bromochloromethane	7.651	49	201191	55.675	ug/l	100
29) Tetrahydrofuran	7.675	42	652728	273.931	ug/l	99
30) Chloroform	7.816	83	485107	51.286	ug/l	98
31) Cyclohexane	8.092	56	372876	45.904	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	401874	49.663	ug/l	99
36) 1,1-Dichloropropene	8.216	75	332414	48.762	ug/l	100
37) Ethyl Acetate	7.404	43	395720	53.034	ug/l	99
38) Carbon Tetrachloride	8.204	117	327491	49.017	ug/l	100
39) Methylcyclohexane	9.457	83	410533	50.590	ug/l	99
40) Benzene	8.457	78	1068932	49.637	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	193979	53.094	ug/l	98
42) 1,2-Dichloroethane	8.528	62	382800	51.387	ug/l	99
43) Isopropyl Acetate	8.551	43	644291	51.914	ug/l	99
44) Trichloroethene	9.210	130	277259	49.974	ug/l	98
45) 1,2-Dichloropropane	9.486	63	279315	51.919	ug/l	98
46) Dibromomethane	9.575	93	190081	52.039	ug/l	98
47) Bromodichloromethane	9.757	83	388432	54.022	ug/l	97
48) Methyl methacrylate	9.557	41	275971	53.597	ug/l	95
49) 1,4-Dioxane	9.563	88	134129	1099.399	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	1993376	279.359	ug/l	99
52) Toluene	10.498	92	695366	51.082	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	424687	56.356	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	455339	54.686	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	293766	52.435	ug/l	98
56) Ethyl methacrylate	10.757	69	463094	57.942	ug/l	97
57) 1,3-Dichloropropane	11.039	76	493575	52.692	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	644098	260.972	ug/l	99
59) 2-Hexanone	11.080	43	1451381	288.902	ug/l	99
60) Dibromochloromethane	11.233	129	307619	56.312	ug/l	100
61) 1,2-Dibromoethane	11.339	107	298792	54.180	ug/l	100
64) Tetrachloroethene	10.975	164	234260	46.024	ug/l	97
65) Chlorobenzene	11.769	112	772697	50.062	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	282055	50.643	ug/l	100
67) Ethyl Benzene	11.839	91	1329579	50.886	ug/l	99
68) m/p-Xylenes	11.951	106	1042727	103.865	ug/l	100
69) o-Xylene	12.275	106	526305	52.817	ug/l	97
70) Styrene	12.286	104	855055	56.634	ug/l	99
71) Bromoform	12.451	173	238999	56.350	ug/l #	99
73) Isopropylbenzene	12.574	105	1323498	47.950	ug/l	100
74) N-amyl acetate	12.380	43	456462	57.719	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	456073	49.523	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	390403m	51.451	ug/l	
77) Bromobenzene	12.857	156	330130	47.712	ug/l	99
78) n-propylbenzene	12.916	91	1449229	49.915	ug/l	99
79) 2-Chlorotoluene	13.004	91	904126	48.557	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1077912	49.290	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	135313	55.263	ug/l	99
82) 4-Chlorotoluene	13.098	91	864516	50.090	ug/l	100
83) tert-Butylbenzene	13.322	119	975121	48.779	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1058212	49.594	ug/l	100
85) sec-Butylbenzene	13.498	105	1309252	50.523	ug/l	100
86) p-Isopropyltoluene	13.610	119	1070699	51.819	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	555208	50.367	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	531548	49.426	ug/l	98
89) n-Butylbenzene	13.939	91	805952	52.591	ug/l	100
90) Hexachloroethane	14.204	117	198305	52.429	ug/l	98
91) 1,2-Dichlorobenzene	13.980	146	535853	49.516	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.598	75	76860	53.805	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	260538	49.981	ug/l	99
94) Hexachlorobutadiene	15.368	225	154921	48.538	ug/l	97
95) Naphthalene	15.498	128	730176	49.033	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	258135	51.064	ug/l	98

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

