

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071674.D
 Acq On : 30 Mar 2022 21:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 31 01:38:04 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	520334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	823805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	756029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	312411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	316590	53.296	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.600%			
35) Dibromofluoromethane	8.016	113	262539	54.158	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.320%			
50) Toluene-d8	10.439	98	1057327	53.318	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.640%			
62) 4-Bromofluorobenzene	12.727	95	351660	54.831	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	224441	54.256	ug/l	96
3) Chloromethane	2.299	50	267500	51.031	ug/l	97
4) Vinyl Chloride	2.440	62	309795	53.816	ug/l	99
5) Bromomethane	2.834	94	192651	51.482	ug/l	99
6) Chloroethane	3.004	64	221947	53.595	ug/l	97
7) Trichlorofluoromethane	3.369	101	390162	53.273	ug/l	99
8) Diethyl Ether	3.828	74	168898	54.568	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.210	101	237608	52.647	ug/l	99
10) Methyl Iodide	4.422	142	340490	53.969	ug/l	99
11) Tert butyl alcohol	5.357	59	298209	309.346	ug/l	100
12) 1,1-Dichloroethene	4.181	96	230958	53.775	ug/l	95
13) Acrolein	4.034	56	364500	310.105	ug/l	98
14) Allyl chloride	4.840	41	382282	54.840	ug/l	96
15) Acrylonitrile	5.545	53	845383	301.704	ug/l	99
16) Acetone	4.281	43	653116	257.270	ug/l	97
17) Carbon Disulfide	4.528	76	497624	50.498	ug/l	98
18) Methyl Acetate	4.851	43	365871	58.456	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	890266	55.796	ug/l	99
20) Methylene Chloride	5.092	84	286128	53.474	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	248343	52.673	ug/l	96
22) Diisopropyl ether	6.492	45	844710	55.662	ug/l	97
23) Vinyl Acetate	6.428	43	3635333	301.238	ug/l	100
24) 1,1-Dichloroethane	6.387	63	495290	55.595	ug/l	98
25) 2-Butanone	7.328	43	1089456	297.685	ug/l	99
26) 2,2-Dichloropropane	7.322	77	389243	50.860	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	316972	54.824	ug/l	97
28) Bromochloromethane	7.651	49	194605	54.150	ug/l	98
29) Tetrahydrofuran	7.675	42	720199	303.915	ug/l	99
30) Chloroform	7.816	83	510463	54.264	ug/l	100
31) Cyclohexane	8.092	56	404472	50.069	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	433597	53.879	ug/l	99
36) 1,1-Dichloropropene	8.216	75	358080	52.896	ug/l	99
37) Ethyl Acetate	7.404	43	426710	57.590	ug/l	99
38) Carbon Tetrachloride	8.204	117	360162	54.286	ug/l	99
39) Methylcyclohexane	9.457	83	433880	53.843	ug/l	98
40) Benzene	8.457	78	1150696	53.810	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	229587	63.282	ug/l	89
42) 1,2-Dichloroethane	8.528	62	398725	53.900	ug/l	99
43) Isopropyl Acetate	8.557	43	652711	52.962	ug/l	99
44) Trichloroethene	9.210	130	298258	54.137	ug/l	99
45) 1,2-Dichloropropane	9.486	63	290102	54.303	ug/l	97
46) Dibromomethane	9.575	93	196725	54.236	ug/l	99
47) Bromodichloromethane	9.757	83	397922	55.731	ug/l	100
48) Methyl methacrylate	9.557	41	311516	60.925	ug/l	98
49) 1,4-Dioxane	9.563	88	146149	1207.703	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	2160428	304.898	ug/l	99
52) Toluene	10.498	92	743234	54.982	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	423709	56.621	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	468015	56.604	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	303031	54.469	ug/l	99
56) Ethyl methacrylate	10.757	69	481122	60.621	ug/l	98
57) 1,3-Dichloropropane	11.039	76	510113	54.840	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	641613	261.739	ug/l	100
59) 2-Hexanone	11.080	43	1571290	314.968	ug/l	98
60) Dibromochloromethane	11.233	129	312951	57.691	ug/l	99
61) 1,2-Dibromoethane	11.339	107	308238	56.285	ug/l	100
64) Tetrachloroethene	10.974	164	255382	51.155	ug/l	97
65) Chlorobenzene	11.763	112	802077	52.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	297707	54.499	ug/l	99
67) Ethyl Benzene	11.839	91	1416617	55.278	ug/l	100
68) m/p-Xylenes	11.945	106	1088782	110.574	ug/l	100
69) o-Xylene	12.274	106	549573	56.231	ug/l	98
70) Styrene	12.292	104	888503	60.001	ug/l	100
71) Bromoform	12.451	173	240009	57.696	ug/l #	99
73) Isopropylbenzene	12.574	105	1398007	53.104	ug/l	100
74) N-amyl acetate	12.380	43	452365	59.972	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	471288	53.654	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	353703m	48.873	ug/l	
77) Bromobenzene	12.857	156	338167	51.241	ug/l	99
78) n-propylbenzene	12.916	91	1523718	55.023	ug/l	100
79) 2-Chlorotoluene	13.004	91	944739	53.196	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1137857	54.551	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	135103	57.851	ug/l	99
82) 4-Chlorotoluene	13.098	91	897127	54.498	ug/l	100
83) tert-Butylbenzene	13.321	119	1027737	53.902	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1109334	54.509	ug/l	100
85) sec-Butylbenzene	13.498	105	1376037	55.672	ug/l	100
86) p-Isopropyltoluene	13.610	119	1120632	56.863	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	567908	54.015	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	543235	52.960	ug/l	99
89) n-Butylbenzene	13.939	91	824027	56.375	ug/l	99
90) Hexachloroethane	14.204	117	202801	56.215	ug/l	99
91) 1,2-Dichlorobenzene	13.980	146	549394	53.227	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	80781	59.290	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	255674	51.363	ug/l	99
94) Hexachlorobutadiene	15.368	225	152131	49.973	ug/l	99
95) Naphthalene	15.504	128	729854	51.204	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	249799	51.774	ug/l	99

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

