

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072144.D
 Acq On : 21 Apr 2022 22:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 22 01:29:09 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Mahesh Dadoda 04/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	482402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	753928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	708690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	289627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	248998	45.213	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.420%			
35) Dibromofluoromethane	8.016	113	225836	50.905	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.800%			
50) Toluene-d8	10.439	98	876761	48.311	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.620%			
62) 4-Bromofluorobenzene	12.727	95	299839	51.084	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	231283	60.306	ug/l	98
3) Chloromethane	2.299	50	245967	50.613	ug/l	99
4) Vinyl Chloride	2.440	62	237715	44.542	ug/l	99
5) Bromomethane	2.828	94	158121	45.577	ug/l	99
6) Chloroethane	3.004	64	149306	38.889	ug/l	96
7) Trichlorofluoromethane	3.363	101	346069	50.968	ug/l	98
8) Diethyl Ether	3.828	74	162704	56.700	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	216061	51.637	ug/l	96
10) Methyl Iodide	4.422	142	325866	55.713	ug/l	100
11) Tert butyl alcohol	5.369	59	270483	302.647	ug/l	98
12) 1,1-Dichloroethene	4.181	96	218053	54.763	ug/l	93
13) Acrolein	4.040	56	45923	42.142	ug/l	98
14) Allyl chloride	4.840	41	330716	51.173	ug/l	93
15) Acrylonitrile	5.551	53	761077	292.974	ug/l	98
16) Acetone	4.281	43	546087	232.025	ug/l	90
17) Carbon Disulfide	4.528	76	523352	57.285	ug/l	99
18) Methyl Acetate	4.851	43	316463	54.433	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	809045	54.693	ug/l	98
20) Methylene Chloride	5.092	84	270103	54.448	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	237612	54.360	ug/l	96
22) Diisopropyl ether	6.492	45	728323	51.766	ug/l	94
23) Vinyl Acetate	6.428	43	3089023	276.095	ug/l	97
24) 1,1-Dichloroethane	6.386	63	444551	53.823	ug/l	99
25) 2-Butanone	7.328	43	918695	270.765	ug/l	95
26) 2,2-Dichloropropane	7.322	77	311249	43.867	ug/l	97
27) cis-1,2-Dichloroethene	7.328	96	294173	54.881	ug/l	94
28) Bromochloromethane	7.657	49	153377	46.034	ug/l	94
29) Tetrahydrofuran	7.681	42	608252	276.858	ug/l	94
30) Chloroform	7.816	83	462102	52.986	ug/l	100
31) Cyclohexane	8.092	56	381895	50.991	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	392701	52.634	ug/l	98
36) 1,1-Dichloropropene	8.222	75	333051	53.759	ug/l	99
37) Ethyl Acetate	7.410	43	366084	53.987	ug/l	96
38) Carbon Tetrachloride	8.204	117	330398	54.416	ug/l	99
39) Methylcyclohexane	9.457	83	411428	55.789	ug/l	98
40) Benzene	8.457	78	1078452	55.105	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	183681	55.322	ug/l	95
42) 1,2-Dichloroethane	8.527	62	342795	50.635	ug/l	97
43) Isopropyl Acetate	8.557	43	574627	50.947	ug/l	97
44) Trichloroethene	9.216	130	275370	54.615	ug/l	98
45) 1,2-Dichloropropane	9.486	63	269044	55.029	ug/l	98
46) Dibromomethane	9.575	93	183010	55.131	ug/l	98
47) Bromodichloromethane	9.757	83	362155	55.423	ug/l	94
48) Methyl methacrylate	9.557	41	260462	55.662	ug/l	90
49) 1,4-Dioxane	9.563	88	133242	1203.042	ug/l	97
51) 4-Methyl-2-Pentanone	10.327	43	1862182	287.165	ug/l	95
52) Toluene	10.504	92	707444	57.185	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	385289	56.259	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	423699	55.993	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	286471	56.265	ug/l	99
56) Ethyl methacrylate	10.757	69	454608	62.589	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	474587	55.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	541146	242.545	ug/l	100
59) 2-Hexanone	11.080	43	1365604	299.109	ug/l	94
60) Dibromochloromethane	11.233	129	295504	59.523	ug/l	99
61) 1,2-Dibromoethane	11.339	107	290301	57.923	ug/l	99
64) Tetrachloroethene	10.974	164	239276	51.130	ug/l	99
65) Chlorobenzene	11.768	112	762035	53.700	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	276967	54.089	ug/l	100
67) Ethyl Benzene	11.839	91	1324422	55.132	ug/l	99
68) m/p-Xylenes	11.951	106	1030293	111.624	ug/l	99
69) o-Xylene	12.274	106	520550	56.820	ug/l	96
70) Styrene	12.292	104	826225	59.522	ug/l	99
71) Bromoform	12.457	173	235036	60.274	ug/l	99
73) Isopropylbenzene	12.574	105	1305113	53.475	ug/l	99
74) N-amyl acetate	12.386	43	397230	56.805	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	432706	53.137	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	370175m	55.172	ug/l	
77) Bromobenzene	12.857	156	319247	52.180	ug/l	97
78) n-propylbenzene	12.915	91	1408198	54.851	ug/l	100
79) 2-Chlorotoluene	13.004	91	864308	52.495	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1068037	55.232	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	117423	54.236	ug/l	94
82) 4-Chlorotoluene	13.104	91	807603	52.919	ug/l	100
83) tert-Butylbenzene	13.321	119	954292	53.987	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	1050390	55.673	ug/l	98
85) sec-Butylbenzene	13.498	105	1247294	54.433	ug/l	99
86) p-Isopropyltoluene	13.610	119	1022103	55.943	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	509421	52.263	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	498956	52.470	ug/l	99
89) n-Butylbenzene	13.939	91	742225	54.773	ug/l	99
90) Hexachloroethane	14.204	117	189229	56.579	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	503477	52.615	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	70939	56.162	ug/l	92
93) 1,2,4-Trichlorobenzene	15.256	180	251365	54.344	ug/l	99
94) Hexachlorobutadiene	15.362	225	138150	48.951	ug/l	98
95) Naphthalene	15.504	128	778474	58.339	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	252952	56.329	ug/l	100

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

