

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072094.D
 Acq On : 20 Apr 2022 22:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 21 03:37:06 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 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	512953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	798896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	735597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	302850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	284152	48.524	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.040%		
35) Dibromofluoromethane	8.016	113	251670	53.535	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.060%		
50) Toluene-d8	10.439	98	973208	50.607	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.220%		
62) 4-Bromofluorobenzene	12.727	95	338325	54.397	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	254763	62.472	ug/l	96
3) Chloromethane	2.298	50	284077	54.973	ug/l	100
4) Vinyl Chloride	2.440	62	280910	49.501	ug/l	97
5) Bromomethane	2.822	94	164571	44.611	ug/l	98
6) Chloroethane	2.993	64	193442	47.384	ug/l	99
7) Trichlorofluoromethane	3.363	101	390252	54.052	ug/l	97
8) Diethyl Ether	3.822	74	172098	56.402	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.204	101	235914	53.023	ug/l	99
10) Methyl Iodide	4.416	142	345015	55.473	ug/l	100
11) Tert butyl alcohol	5.369	59	293213	308.540	ug/l	98
12) 1,1-Dichloroethene	4.175	96	230090	54.344	ug/l	93
13) Acrolein	4.040	56	205128	177.028	ug/l	96
14) Allyl chloride	4.834	41	359455	52.307	ug/l	94
15) Acrylonitrile	5.551	53	801465	290.146	ug/l	98
16) Acetone	4.281	43	602467	240.734	ug/l	93
17) Carbon Disulfide	4.528	76	545049	56.107	ug/l	100
18) Methyl Acetate	4.851	43	341513	55.266	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	857336	54.506	ug/l	98
20) Methylene Chloride	5.092	84	279998	53.081	ug/l	97
21) trans-1,2-Dichloroethene	5.592	96	244156	52.530	ug/l	98
22) Diisopropyl ether	6.492	45	793726	53.055	ug/l	95
23) Vinyl Acetate	6.428	43	3383603	284.413	ug/l	99
24) 1,1-Dichloroethane	6.386	63	472442	53.793	ug/l	99
25) 2-Butanone	7.328	43	1002242	277.795	ug/l	98
26) 2,2-Dichloropropane	7.322	77	355578	47.129	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	309717	54.340	ug/l	96
28) Bromochloromethane	7.651	49	173340	48.927	ug/l	96
29) Tetrahydrofuran	7.680	42	654943	280.355	ug/l	97
30) Chloroform	7.816	83	486962	52.511	ug/l	99
31) Cyclohexane	8.092	56	417158	52.382	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	419585	52.888	ug/l	98
36) 1,1-Dichloropropene	8.216	75	349564	53.248	ug/l	99
37) Ethyl Acetate	7.410	43	404741	56.328	ug/l	98
38) Carbon Tetrachloride	8.204	117	347953	54.081	ug/l	97
39) Methylcyclohexane	9.457	83	442773	56.660	ug/l	99
40) Benzene	8.457	78	1130110	54.495	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	203282	57.779	ug/l	96
42) 1,2-Dichloroethane	8.527	62	363976	50.737	ug/l	98
43) Isopropyl Acetate	8.557	43	631981	52.878	ug/l	98
44) Trichloroethene	9.216	130	292303	54.711	ug/l	97
45) 1,2-Dichloropropane	9.486	63	281458	54.328	ug/l	98
46) Dibromomethane	9.574	93	188008	53.449	ug/l	95
47) Bromodichloromethane	9.757	83	379927	54.870	ug/l	98
48) Methyl methacrylate	9.557	41	284348	57.346	ug/l	93
49) 1,4-Dioxane	9.563	88	131341	1118.151	ug/l	96
51) 4-Methyl-2-Pentanone	10.327	43	2004889	291.769	ug/l	97
52) Toluene	10.504	92	738550	56.339	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	410947	56.628	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	451932	56.363	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	296947	55.040	ug/l	99
56) Ethyl methacrylate	10.757	69	473743	61.553	ug/l	93
57) 1,3-Dichloropropane	11.039	76	491891	54.530	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	652489	273.649	ug/l	100
59) 2-Hexanone	11.080	43	1440415	297.737	ug/l	95
60) Dibromochloromethane	11.233	129	310040	58.936	ug/l	99
61) 1,2-Dibromoethane	11.345	107	301217	56.718	ug/l	98
64) Tetrachloroethene	10.974	164	253197	52.126	ug/l	97
65) Chlorobenzene	11.768	112	791551	53.740	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	290959	54.743	ug/l	99
67) Ethyl Benzene	11.839	91	1399111	56.111	ug/l	100
68) m/p-Xylenes	11.951	106	1076116	112.324	ug/l	100
69) o-Xylene	12.274	106	537023	56.474	ug/l	100
70) Styrene	12.292	104	874850	60.720	ug/l	99
71) Bromoform	12.451	173	240182	59.341	ug/l #	99
73) Isopropylbenzene	12.574	105	1381703	54.141	ug/l	99
74) N-amyl acetate	12.380	43	427789	58.504	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	435815	51.182	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	382048m	54.456	ug/l	
77) Bromobenzene	12.857	156	333172	52.078	ug/l	97
78) n-propylbenzene	12.915	91	1490879	55.536	ug/l	100
79) 2-Chlorotoluene	13.004	91	924378	53.693	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1130817	55.925	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	127198	56.185	ug/l	95
82) 4-Chlorotoluene	13.098	91	866481	54.298	ug/l	100
83) tert-Butylbenzene	13.321	119	1020612	55.218	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	1124337	56.990	ug/l	99
85) sec-Butylbenzene	13.498	105	1349360	56.317	ug/l	100
86) p-Isopropyltoluene	13.610	119	1096853	57.413	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	539814	52.964	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	516989	51.993	ug/l	99
89) n-Butylbenzene	13.939	91	798210	56.333	ug/l	100
90) Hexachloroethane	14.204	117	190267	54.406	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	521419	52.111	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	71978	54.497	ug/l	93
93) 1,2,4-Trichlorobenzene	15.262	180	263045	54.385	ug/l	100
94) Hexachlorobutadiene	15.362	225	149710	50.731	ug/l	98
95) Naphthalene	15.498	128	792051	56.867	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	260944	55.604	ug/l	99

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

