

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074478.D
 Acq On : 15 Sep 2022 22:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 16 01:47:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	318868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	611011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	559183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	251819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	267396	49.423	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.840%		
35) Dibromofluoromethane	7.951	113	196323	48.369	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.740%		
50) Toluene-d8	10.380	98	796517	50.743	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.480%		
62) 4-Bromofluorobenzene	12.674	95	276824	51.491	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.040	85	148822	42.884	ug/l	97
3) Chloromethane	2.263	50	297501	50.962	ug/l	97
4) Vinyl Chloride	2.404	62	326287	52.234	ug/l	95
5) Bromomethane	2.781	94	172893	52.483	ug/l	99
6) Chloroethane	2.946	64	224731	52.669	ug/l	95
7) Trichlorofluoromethane	3.304	101	316072	45.820	ug/l	89
8) Diethyl Ether	3.757	74	158040	44.926	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.134	101	197301	46.231	ug/l	89
10) Methyl Iodide	4.345	142	242615	48.190	ug/l	96
11) Tert butyl alcohol	5.287	59	418737	237.588	ug/l	99
12) 1,1-Dichloroethene	4.104	96	199209	47.426	ug/l	99
13) Acrolein	3.975	56	185850	288.755	ug/l	98
14) Allyl chloride	4.751	41	481238	47.990	ug/l #	95
15) Acrylonitrile	5.469	53	1019418	257.459	ug/l	99
16) Acetone	4.216	43	857511	247.686	ug/l	98
17) Carbon Disulfide	4.451	76	515089	44.729	ug/l	100
18) Methyl Acetate	4.775	43	524410	48.768	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	855995	48.362	ug/l	96
20) Methylene Chloride	5.004	84	248220	46.964	ug/l #	83
21) trans-1,2-Dichloroethene	5.504	96	220979	47.924	ug/l	96
22) Diisopropyl ether	6.404	45	1035790	51.438	ug/l #	92
23) Vinyl Acetate	6.345	43	4687025	263.903	ug/l #	91
24) 1,1-Dichloroethane	6.304	63	486047	48.289	ug/l	97
25) 2-Butanone	7.257	43	1509507	262.608	ug/l	91
26) 2,2-Dichloropropane	7.245	77	337388	38.879	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	277788	47.048	ug/l	94
28) Bromochloromethane	7.581	49	149634	50.482	ug/l #	67
29) Tetrahydrofuran	7.610	42	1011095	267.534	ug/l #	85
30) Chloroform	7.745	83	460573	49.576	ug/l	98
31) Cyclohexane	8.022	56	448428	46.695	ug/l	86
32) 1,1,1-Trichloroethane	7.939	97	382208	46.908	ug/l	95
36) 1,1-Dichloropropene	8.151	75	330396	45.989	ug/l	97
37) Ethyl Acetate	7.333	43	597744	53.875	ug/l #	93
38) Carbon Tetrachloride	8.133	117	320211	48.275	ug/l	96
39) Methylcyclohexane	9.392	83	412299	48.263	ug/l	92
40) Benzene	8.392	78	1097140	49.386	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	273216	50.935	ug/l	89
42) 1,2-Dichloroethane	8.463	62	380717	49.938	ug/l	99
43) Isopropyl Acetate	8.492	43	905017	52.075	ug/l #	90
44) Trichloroethene	9.151	130	220201	45.807	ug/l	89
45) 1,2-Dichloropropane	9.427	63	295220	48.353	ug/l	99
46) Dibromomethane	9.510	93	186061	48.658	ug/l #	82
47) Bromodichloromethane	9.704	83	371260	49.522	ug/l	99
48) Methyl methacrylate	9.498	41	383554	49.774	ug/l	86
49) 1,4-Dioxane	9.504	88	160670	1084.484	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	3122570	275.144	ug/l	89
52) Toluene	10.445	92	665361	51.074	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	437546	50.078	ug/l	96
54) cis-1,3-Dichloropropene	10.127	75	458885	49.077	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	270182	48.963	ug/l	95
56) Ethyl methacrylate	10.704	69	514075	52.154	ug/l #	80
57) 1,3-Dichloropropane	10.986	76	486069	50.240	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1141197	263.071	ug/l #	88
59) 2-Hexanone	11.027	43	2431354	280.641	ug/l	88
60) Dibromochloromethane	11.180	129	263741	49.927	ug/l	98
61) 1,2-Dibromoethane	11.286	107	270260	50.415	ug/l	98
64) Tetrachloroethene	10.916	164	169735	44.230	ug/l	93
65) Chlorobenzene	11.710	112	661074	47.092	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.786	131	248364	48.695	ug/l	99
67) Ethyl Benzene	11.786	91	1296973	50.322	ug/l	96
68) m/p-Xylenes	11.898	106	963653	101.126	ug/l	95
69) o-Xylene	12.221	106	484921	49.910	ug/l	95
70) Styrene	12.233	104	800777	49.547	ug/l	97
71) Bromoform	12.398	173	189696	50.603	ug/l #	100
73) Isopropylbenzene	12.521	105	1239307	48.064	ug/l	99
74) N-amyl acetate	12.333	43	814293	50.510	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.774	83	484038	46.845	ug/l	97
76) 1,2,3-Trichloropropane	12.821	75	377929m	48.758	ug/l	
77) Bromobenzene	12.804	156	251741	45.705	ug/l	67
78) n-propylbenzene	12.863	91	1513478	49.284	ug/l	95
79) 2-Chlorotoluene	12.951	91	879309	47.965	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	1005241	47.826	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	167622	46.674	ug/l	96
82) 4-Chlorotoluene	13.045	91	843174	48.388	ug/l	96
83) tert-Butylbenzene	13.268	119	890622	46.558	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	1028082	48.604	ug/l	95
85) sec-Butylbenzene	13.445	105	1293537	49.248	ug/l	97
86) p-Isopropyltoluene	13.557	119	1014926	49.565	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	488633	48.277	ug/l	99
88) 1,4-Dichlorobenzene	13.639	146	467127	45.921	ug/l	97
89) n-Butylbenzene	13.886	91	928888	50.328	ug/l	96
90) Hexachloroethane	14.151	117	213940	48.019	ug/l	71
91) 1,2-Dichlorobenzene	13.927	146	485203	46.208	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	107308	47.031	ug/l	79
93) 1,2,4-Trichlorobenzene	15.198	180	232892	46.555	ug/l	98
94) Hexachlorobutadiene	15.309	225	97819	44.492	ug/l	95
95) Naphthalene	15.439	128	996082	46.332	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	239303	46.265	ug/l	97

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

