

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074550.D
 Acq On : 17 Sep 2022 12:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Quant Time: Sep 19 02:53:28 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

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	219691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	393611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	371155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	175070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	179960	48.278	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.560%		
35) Dibromofluoromethane	7.945	113	136832	52.332	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.660%		
50) Toluene-d8	10.380	98	540428	53.444	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.880%		
62) 4-Bromofluorobenzene	12.674	95	190117	54.895	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	102593	42.908	ug/l	98
3) Chloromethane	2.263	50	216233	53.748	ug/l	96
4) Vinyl Chloride	2.405	62	256981	59.711	ug/l	96
5) Bromomethane	2.781	94	189166	83.346	ug/l	95
6) Chloroethane	2.952	64	198527	67.532	ug/l	97
7) Trichlorofluoromethane	3.310	101	229161	48.217	ug/l	94
8) Diethyl Ether	3.757	74	113751	46.934	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.128	101	150586	51.214	ug/l	90
10) Methyl Iodide	4.346	142	166608	48.033	ug/l	94
11) Tert butyl alcohol	5.275	59	251541	207.153	ug/l	99
12) 1,1-Dichloroethene	4.110	96	139355	48.143	ug/l	84
13) Acrolein	3.975	56	106017	239.079	ug/l	97
14) Allyl chloride	4.757	41	349824	50.633	ug/l #	93
15) Acrylonitrile	5.463	53	715434	262.255	ug/l	100
16) Acetone	4.210	43	580959	243.560	ug/l	93
17) Carbon Disulfide	4.451	76	354963	44.739	ug/l	98
18) Methyl Acetate	4.763	43	370931	50.068	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	607191	49.792	ug/l	95
20) Methylene Chloride	5.004	84	182459	50.104	ug/l #	76
21) trans-1,2-Dichloroethene	5.504	96	155491	48.935	ug/l	94
22) Diisopropyl ether	6.404	45	747482	53.879	ug/l #	95
23) Vinyl Acetate	6.345	43	3397375	277.645	ug/l #	90
24) 1,1-Dichloroethane	6.298	63	352123	50.776	ug/l	96
25) 2-Butanone	7.251	43	1064574	268.811	ug/l #	87
26) 2,2-Dichloropropane	7.239	77	274757	45.955	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	201609	49.561	ug/l	93
28) Bromochloromethane	7.581	49	104818	51.327	ug/l #	66
29) Tetrahydrofuran	7.604	42	703820	270.300	ug/l #	83
30) Chloroform	7.739	83	342080	53.444	ug/l	92
31) Cyclohexane	8.022	56	314482	47.531	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	276471	49.249	ug/l	95
36) 1,1-Dichloropropene	8.145	75	246754	53.317	ug/l	97
37) Ethyl Acetate	7.334	43	408379	57.137	ug/l #	93
38) Carbon Tetrachloride	8.128	117	229411	53.688	ug/l	94
39) Methylcyclohexane	9.392	83	296022	53.791	ug/l	96
40) Benzene	8.386	78	791191	55.284	ug/l	98

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41) Methacrylonitrile	7.557	41	181653	52.570	ug/l	93
42) 1,2-Dichloroethane	8.463	62	276838	56.369	ug/l	97
43) Isopropyl Acetate	8.492	43	647751	57.858	ug/l #	90
44) Trichloroethene	9.145	130	160308	51.766	ug/l	85
45) 1,2-Dichloropropane	9.428	63	220083	55.956	ug/l	99
46) Dibromomethane	9.516	93	136278	55.323	ug/l #	82
47) Bromodichloromethane	9.698	83	279409	57.855	ug/l #	98
48) Methyl methacrylate	9.492	41	278928	56.188	ug/l	84
49) 1,4-Dioxane	9.504	88	100758	1055.723	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	2231307	305.203	ug/l	87
52) Toluene	10.445	92	489844	58.369	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	307733	54.673	ug/l	92
54) cis-1,3-Dichloropropene	10.128	75	333055	55.293	ug/l #	85
55) 1,1,2-Trichloroethane	10.839	97	195136	54.894	ug/l	96
56) Ethyl methacrylate	10.704	69	353446	55.663	ug/l #	75
57) 1,3-Dichloropropane	10.980	76	352120	56.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	771981	276.250	ug/l #	87
59) 2-Hexanone	11.028	43	1721771	308.503	ug/l	85
60) Dibromochloromethane	11.175	129	196749	57.816	ug/l	98
61) 1,2-Dibromoethane	11.286	107	198020	57.342	ug/l	99
64) Tetrachloroethene	10.916	164	130720	51.320	ug/l	94
65) Chlorobenzene	11.710	112	483579	51.899	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	179054	52.890	ug/l	99
67) Ethyl Benzene	11.786	91	944434	55.207	ug/l	97
68) m/p-Xylenes	11.892	106	708168	111.963	ug/l	95
69) o-Xylene	12.222	106	359917	55.810	ug/l	98
70) Styrene	12.233	104	591296	55.120	ug/l	96
71) Bromoform	12.398	173	135419	54.425	ug/l #	100
73) Isopropylbenzene	12.522	105	913973	50.986	ug/l	99
74) N-amyl acetate	12.333	43	587727	52.438	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.769	83	349390	48.637	ug/l	98
76) 1,2,3-Trichloropropane	12.822	75	255548m	47.422	ug/l	
77) Bromobenzene	12.804	156	193281	50.475	ug/l	76
78) n-propylbenzene	12.863	91	1126965	52.785	ug/l	95
79) 2-Chlorotoluene	12.945	91	639828	50.202	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	763027	52.217	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	118635	47.516	ug/l	94
82) 4-Chlorotoluene	13.045	91	625021	51.593	ug/l	99
83) tert-Butylbenzene	13.263	119	688361	51.760	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	767743	52.208	ug/l	97
85) sec-Butylbenzene	13.445	105	1002138	54.880	ug/l	95
86) p-Isopropyltoluene	13.557	119	788895	55.416	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	371620	52.812	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	354655	50.148	ug/l	96
89) n-Butylbenzene	13.886	91	713324	55.592	ug/l	96
90) Hexachloroethane	14.151	117	150263	48.512	ug/l	75
91) 1,2-Dichlorobenzene	13.927	146	366672	50.228	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	70573	44.491	ug/l	86
93) 1,2,4-Trichlorobenzene	15.198	180	182093	52.357	ug/l	98
94) Hexachlorobutadiene	15.304	225	76288	49.910	ug/l	96
95) Naphthalene	15.439	128	732436	48.913	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	181962	50.476	ug/l	96

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

