

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074403.D
 Acq On : 12 Sep 2022 10:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 13 05:39:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	313290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	541797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	505289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	267756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	250169	46.153	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.300%		
35) Dibromofluoromethane	7.951	113	186124	50.886	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.780%		
50) Toluene-d8	10.380	98	690576	48.455	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.900%		
62) 4-Bromofluorobenzene	12.674	95	264445	51.107	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	171314	42.195	ug/l	99
3) Chloromethane	2.263	50	230016	47.217	ug/l	99
4) Vinyl Chloride	2.404	62	328767	48.470	ug/l	97
5) Bromomethane	2.781	94	257734	54.376	ug/l	96
6) Chloroethane	2.946	64	227720	54.656	ug/l	97
7) Trichlorofluoromethane	3.304	101	299966	44.788	ug/l	94
8) Diethyl Ether	3.763	74	125541	44.423	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.134	101	182028	45.355	ug/l	99
10) Methyl Iodide	4.340	142	223621	48.199	ug/l	99
11) Tert butyl alcohol	5.287	59	307599	216.959	ug/l	100
12) 1,1-Dichloroethene	4.110	96	167659	42.930	ug/l	94
13) Acrolein	3.975	56	218513	232.025	ug/l	98
14) Allyl chloride	4.757	41	371694	43.389	ug/l	99
15) Acrylonitrile	5.469	53	742399	228.878	ug/l	99
16) Acetone	4.216	43	632672	216.201	ug/l	99
17) Carbon Disulfide	4.451	76	477284	44.967	ug/l	98
18) Methyl Acetate	4.769	43	376471	43.641	ug/l	97
19) Methyl tert-butyl Ether	5.522	73	713724	45.406	ug/l	99
20) Methylene Chloride	5.004	84	208958	48.626	ug/l	96
21) trans-1,2-Dichloroethene	5.504	96	190137	43.448	ug/l	97
22) Diisopropyl ether	6.404	45	803604	46.590	ug/l	96
23) Vinyl Acetate	6.345	43	3721665	241.773	ug/l	98
24) 1,1-Dichloroethane	6.298	63	404094	45.595	ug/l	96
25) 2-Butanone	7.251	43	1127619	229.555	ug/l	99
26) 2,2-Dichloropropane	7.245	77	355011	44.278	ug/l	99
27) cis-1,2-Dichloroethene	7.239	96	238236	44.187	ug/l	98
28) Bromochloromethane	7.586	49	136817	51.523	ug/l	100
29) Tetrahydrofuran	7.604	42	753095	231.924	ug/l	99
30) Chloroform	7.745	83	419533	47.423	ug/l	97
31) Cyclohexane	8.022	56	381628	44.269	ug/l	96
32) 1,1,1-Trichloroethane	7.939	97	364327	45.907	ug/l	97
36) 1,1-Dichloropropene	8.145	75	305326	50.670	ug/l	99
37) Ethyl Acetate	7.334	43	450626	51.553	ug/l	97
38) Carbon Tetrachloride	8.128	117	322959	51.915	ug/l	88
39) Methylcyclohexane	9.392	83	375550	49.174	ug/l	98
40) Benzene	8.392	78	935147	50.687	ug/l	96

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41) Methacrylonitrile	7.557	41	186033	42.891	ug/l #	73
42) 1,2-Dichloroethane	8.463	62	354843	50.310	ug/l	98
43) Isopropyl Acetate	8.492	43	713304	49.899	ug/l	98
44) Trichloroethene	9.151	130	211976	51.249	ug/l	97
45) 1,2-Dichloropropane	9.428	63	237288	48.450	ug/l	99
46) Dibromomethane	9.516	93	172414	51.415	ug/l	97
47) Bromodichloromethane	9.698	83	343995	51.465	ug/l	94
48) Methyl methacrylate	9.498	41	305538	48.498	ug/l	97
49) 1,4-Dioxane	9.504	88	126306	951.363	ug/l	93
51) 4-Methyl-2-Pentanone	10.269	43	2408091	257.590	ug/l	98
52) Toluene	10.445	92	593062	51.979	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	385572	52.290	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	394614	50.200	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	234093	49.774	ug/l	97
56) Ethyl methacrylate	10.704	69	418152	52.327	ug/l	98
57) 1,3-Dichloropropane	10.986	76	421721	51.300	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	936028	251.800	ug/l	100
59) 2-Hexanone	11.027	43	1862035	258.105	ug/l	99
60) Dibromochloromethane	11.180	129	263368	55.310	ug/l	99
61) 1,2-Dibromoethane	11.286	107	250170	51.704	ug/l	99
64) Tetrachloroethene	10.916	164	169493	49.481	ug/l	98
65) Chlorobenzene	11.710	112	608286	49.925	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	228829	48.080	ug/l	97
67) Ethyl Benzene	11.786	91	1172836	50.964	ug/l	99
68) m/p-Xylenes	11.892	106	891400	103.037	ug/l	99
69) o-Xylene	12.221	106	446270	51.318	ug/l	99
70) Styrene	12.239	104	754959	54.606	ug/l	99
71) Bromoform	12.398	173	199588	55.988	ug/l #	100
73) Isopropylbenzene	12.521	105	1187634	46.167	ug/l	99
74) N-amyl acetate	12.333	43	664540	50.785	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	423876	43.845	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	332999m	47.574	ug/l	
77) Bromobenzene	12.804	156	250105	45.288	ug/l	99
78) n-propylbenzene	12.863	91	1443421	48.978	ug/l	99
79) 2-Chlorotoluene	12.951	91	842190	46.872	ug/l	100
80) 1,3,5-Trimethylbenzene	13.004	105	1013792	47.501	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	149599	47.639	ug/l	96
82) 4-Chlorotoluene	13.045	91	851115	49.094	ug/l	100
83) tert-Butylbenzene	13.268	119	885414	46.080	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	1021968	48.311	ug/l	98
85) sec-Butylbenzene	13.445	105	1274729	48.750	ug/l	99
86) p-Isopropyltoluene	13.557	119	1054574	50.386	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	499866	48.956	ug/l	98
88) 1,4-Dichlorobenzene	13.639	146	501964	48.665	ug/l	99
89) n-Butylbenzene	13.886	91	935894	52.548	ug/l	99
90) Hexachloroethane	14.151	117	209605	47.405	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	505357	47.063	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	107633	49.309	ug/l	99
93) 1,2,4-Trichlorobenzene	15.198	180	263595	49.262	ug/l	99
94) Hexachlorobutadiene	15.304	225	113899	46.964	ug/l	99
95) Naphthalene	15.439	128	1007775	48.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	265168	47.888	ug/l	98

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

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