

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074496.D
 Acq On : 16 Sep 2022 06:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 16 08:08:58 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	306864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	585098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	515610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	239122	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	268912	51.647	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.300%	
35) Dibromofluoromethane	7.951	113	204197	52.537	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.080%	
50) Toluene-d8	10.380	98	790022	52.558	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.120%	
62) 4-Bromofluorobenzene	12.674	95	273048	53.038	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	130204	38.987	ug/l	97
3) Chloromethane	2.263	50	266317	47.422	ug/l	98
4) Vinyl Chloride	2.405	62	307700	51.186	ug/l	97
5) Bromomethane	2.775	94	202014	63.722	ug/l	93
6) Chloroethane	2.952	64	222918	54.288	ug/l	95
7) Trichlorofluoromethane	3.310	101	288781	43.501	ug/l	98
8) Diethyl Ether	3.763	74	148723	43.931	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.134	101	176931	43.080	ug/l	91
10) Methyl Iodide	4.346	142	228649	47.193	ug/l	96
11) Tert butyl alcohol	5.281	59	353121	208.196	ug/l	99
12) 1,1-Dichloroethene	4.110	96	183701	45.474	ug/l	93
13) Acrolein	3.975	56	150812	243.483	ug/l	96
14) Allyl chloride	4.757	41	433846	44.956	ug/l #	94
15) Acrylonitrile	5.469	53	905323	237.588	ug/l	99
16) Acetone	4.216	43	778255	233.587	ug/l	98
17) Carbon Disulfide	4.451	76	472673	42.651	ug/l	99
18) Methyl Acetate	4.769	43	475690	45.968	ug/l #	90
19) Methyl tert-butyl Ether	5.528	73	782224	45.923	ug/l	98
20) Methylene Chloride	5.004	84	238837	46.956	ug/l #	81
21) trans-1,2-Dichloroethene	5.510	96	196844	44.392	ug/l	88
22) Diisopropyl ether	6.410	45	968360	49.971	ug/l #	93
23) Vinyl Acetate	6.345	43	4322268	252.885	ug/l #	91
24) 1,1-Dichloroethane	6.304	63	460358	47.526	ug/l	98
25) 2-Butanone	7.257	43	1354382	244.838	ug/l #	89
26) 2,2-Dichloropropane	7.245	77	219839	26.324	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	248787	43.785	ug/l	95
28) Bromochloromethane	7.581	49	137332	48.143	ug/l #	66
29) Tetrahydrofuran	7.604	42	912536	250.900	ug/l #	84
30) Chloroform	7.745	83	423412	47.359	ug/l	96
31) Cyclohexane	8.022	56	413058	44.695	ug/l	87
32) 1,1,1-Trichloroethane	7.945	97	351484	44.825	ug/l	95
36) 1,1-Dichloropropene	8.145	75	312833	45.473	ug/l	95
37) Ethyl Acetate	7.334	43	531760	50.051	ug/l #	93
38) Carbon Tetrachloride	8.134	117	294290	46.332	ug/l	98
39) Methylcyclohexane	9.392	83	368204	45.010	ug/l	91
40) Benzene	8.386	78	1013921	47.661	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	250457	48.760	ug/l	89
42) 1,2-Dichloroethane	8.463	62	349821	47.918	ug/l	99
43) Isopropyl Acetate	8.492	43	828887	49.807	ug/l #	91
44) Trichloroethene	9.151	130	201064	43.678	ug/l	83
45) 1,2-Dichloropropane	9.428	63	277545	47.472	ug/l	99
46) Dibromomethane	9.510	93	167803	45.827	ug/l #	83
47) Bromodichloromethane	9.698	83	347716	48.436	ug/l #	96
48) Methyl methacrylate	9.498	41	349171	47.318	ug/l #	84
49) 1,4-Dioxane	9.510	88	135066	952.039	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	2809131	258.488	ug/l	89
52) Toluene	10.445	92	621542	49.824	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	379863	45.401	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	394031	44.007	ug/l #	88
55) 1,1,2-Trichloroethane	10.839	97	246358	46.623	ug/l #	90
56) Ethyl methacrylate	10.704	69	469561	49.747	ug/l #	79
57) 1,3-Dichloropropane	10.986	76	449646	48.534	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	983421	236.741	ug/l #	88
59) 2-Hexanone	11.027	43	2178417	262.582	ug/l	87
60) Dibromochloromethane	11.180	129	244481	48.331	ug/l	100
61) 1,2-Dibromoethane	11.286	107	249430	48.590	ug/l	99
64) Tetrachloroethene	10.916	164	160748	45.428	ug/l	95
65) Chlorobenzene	11.710	112	613734	47.414	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.786	131	226930	48.252	ug/l	97
67) Ethyl Benzene	11.786	91	1190225	50.083	ug/l	97
68) m/p-Xylenes	11.898	106	877944	99.917	ug/l	95
69) o-Xylene	12.222	106	441709	49.304	ug/l	93
70) Styrene	12.239	104	747680	50.171	ug/l	98
71) Bromoform	12.398	173	173885	50.306	ug/l #	99
73) Isopropylbenzene	12.521	105	1143304	46.695	ug/l	99
74) N-amyl acetate	12.333	43	747284	48.815	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.769	83	452388	46.106	ug/l	95
76) 1,2,3-Trichloropropane	12.827	75	340197m	46.220	ug/l	
77) Bromobenzene	12.804	156	238781	45.654	ug/l	75
78) n-propylbenzene	12.863	91	1387682	47.587	ug/l	95
79) 2-Chlorotoluene	12.951	91	789730	45.366	ug/l	97
80) 1,3,5-Trimethylbenzene	13.004	105	924218	46.306	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	134633	39.479	ug/l	96
82) 4-Chlorotoluene	13.045	91	770573	46.570	ug/l	97
83) tert-Butylbenzene	13.269	119	827700	45.566	ug/l	94
84) 1,2,4-Trimethylbenzene	13.310	105	932907	46.446	ug/l	97
85) sec-Butylbenzene	13.445	105	1203307	48.245	ug/l	96
86) p-Isopropyltoluene	13.557	119	952291	48.975	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	442069	45.995	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	437314	45.273	ug/l	96
89) n-Butylbenzene	13.886	91	845702	48.254	ug/l	95
90) Hexachloroethane	14.151	117	188870	44.643	ug/l	75
91) 1,2-Dichlorobenzene	13.927	146	456215	45.754	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	94585	43.656	ug/l	80
93) 1,2,4-Trichlorobenzene	15.198	180	213972	45.044	ug/l	98
94) Hexachlorobutadiene	15.310	225	87224	41.779	ug/l	98
95) Naphthalene	15.439	128	912963	44.776	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	216113	44.066	ug/l	98

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

