

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073898.D
 Acq On : 15 Aug 2022 16:17
 Operator : JC\MD
 Sample : VN0815WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS01

Quant Time: Aug 15 23:57:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 23:50:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2022
 Supervised By : Mahesh Dadoda 08/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	550937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	815001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	728249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	363013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	298924	55.706	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.420%			
35) Dibromofluoromethane	7.951	113	263736	54.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.440%			
50) Toluene-d8	10.380	98	985909	52.816	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.640%			
62) 4-Bromofluorobenzene	12.674	95	329823	53.239	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	86396	19.777	ug/l	96
3) Chloromethane	2.269	50	93774	19.303	ug/l	98
4) Vinyl Chloride	2.404	62	121485	19.480	ug/l	99
5) Bromomethane	2.804	94	78799	20.234	ug/l	96
6) Chloroethane	2.963	64	79052	17.943	ug/l	99
7) Trichlorofluoromethane	3.316	101	179065	22.258	ug/l	99
8) Diethyl Ether	3.769	74	60165	20.147	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.145	101	87090	18.635	ug/l	91
10) Methyl Iodide	4.351	142	100103	17.842	ug/l	98
11) Tert butyl alcohol	5.287	59	132014	109.983	ug/l	100
12) 1,1-Dichloroethene	4.116	96	80769	18.575	ug/l	89
13) Acrolein	3.987	56	104792	124.727	ug/l	98
14) Allyl chloride	4.757	41	122371	19.003	ug/l	97
15) Acrylonitrile	5.475	53	307726	105.009	ug/l	100
16) Acetone	4.222	43	264074	104.309	ug/l	97
17) Carbon Disulfide	4.457	76	190840	18.459	ug/l	99
18) Methyl Acetate	4.781	43	147026	21.802	ug/l	97
19) Methyl tert-butyl Ether	5.534	73	310992	19.859	ug/l	95
20) Methylene Chloride	5.016	84	100711	18.852	ug/l	91
21) trans-1,2-Dichloroethene	5.510	96	89142	18.608	ug/l	87
22) Diisopropyl ether	6.416	45	267680	19.605	ug/l	98
23) Vinyl Acetate	6.351	43	1187911	101.525	ug/l	97
24) 1,1-Dichloroethane	6.304	63	162419	19.111	ug/l	97
25) 2-Butanone	7.263	43	426422	106.228	ug/l	99
26) 2,2-Dichloropropane	7.251	77	145093	18.171	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	112367	19.012	ug/l	92
28) Bromochloromethane	7.586	49	64235	20.492	ug/l	89
29) Tetrahydrofuran	7.610	42	272731	105.914	ug/l	94
30) Chloroform	7.745	83	178777	18.812	ug/l	96
31) Cyclohexane	8.022	56	141904	18.970	ug/l #	93
32) 1,1,1-Trichloroethane	7.945	97	159062	18.874	ug/l	96
36) 1,1-Dichloropropene	8.151	75	120347	17.977	ug/l	98
37) Ethyl Acetate	7.339	43	164806	20.320	ug/l	98
38) Carbon Tetrachloride	8.139	117	140616	18.376	ug/l	97
39) Methylcyclohexane	9.398	83	153688	18.321	ug/l	96
40) Benzene	8.392	78	395833	18.734	ug/l	97

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41) Methacrylonitrile	7.563	41	75645	20.639	ug/l	96
42) 1,2-Dichloroethane	8.463	62	140780	19.378	ug/l	97
43) Isopropyl Acetate	8.498	43	230440	19.945	ug/l	98
44) Trichloroethene	9.151	130	109310	17.912	ug/l	99
45) 1,2-Dichloropropane	9.427	63	95517	18.860	ug/l	98
46) Dibromomethane	9.516	93	74485	19.345	ug/l	91
47) Bromodichloromethane	9.698	83	139668	18.978	ug/l	98
48) Methyl methacrylate	9.498	41	99651	20.157	ug/l	88
49) 1,4-Dioxane	9.504	88	61955	421.412	ug/l	92
51) 4-Methyl-2-Pentanone	10.269	43	808576	103.509	ug/l	99
52) Toluene	10.445	92	257154	17.749	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	147991	19.164	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	160907	19.044	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	110907	19.678	ug/l	99
56) Ethyl methacrylate	10.704	69	160312	19.943	ug/l	98
57) 1,3-Dichloropropane	10.986	76	176622	19.274	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	404622	105.799	ug/l	96
59) 2-Hexanone	11.027	43	635105	105.641	ug/l	99
60) Dibromochloromethane	11.180	129	120654	19.358	ug/l	97
61) 1,2-Dibromoethane	11.286	107	115849	19.218	ug/l	98
64) Tetrachloroethene	10.916	164	101182	17.603	ug/l	99
65) Chlorobenzene	11.710	112	286488	18.510	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	111826	19.080	ug/l	98
67) Ethyl Benzene	11.786	91	474118	18.420	ug/l	96
68) m/p-Xylenes	11.892	106	384371	36.754	ug/l	97
69) o-Xylene	12.221	106	192523	18.358	ug/l	96
70) Styrene	12.233	104	307086	18.703	ug/l	98
71) Bromoform	12.398	173	100208	19.151	ug/l #	99
73) Isopropylbenzene	12.521	105	492306	18.624	ug/l	98
74) N-amyl acetate	12.327	43	187339	18.747	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	172382	19.433	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	149876m	19.427	ug/l	
77) Bromobenzene	12.798	156	133103	18.603	ug/l	89
78) n-propylbenzene	12.863	91	531292	18.856	ug/l	98
79) 2-Chlorotoluene	12.945	91	327476	18.650	ug/l	95
80) 1,3,5-Trimethylbenzene	12.998	105	405546	18.862	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	51992	19.599	ug/l	100
82) 4-Chlorotoluene	13.045	91	309295	18.546	ug/l	94
83) tert-Butylbenzene	13.262	119	372827	18.844	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	407158	18.963	ug/l	98
85) sec-Butylbenzene	13.439	105	489584	19.090	ug/l	97
86) p-Isopropyltoluene	13.557	119	421445	19.289	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	228366	18.405	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	230264	18.311	ug/l	98
89) n-Butylbenzene	13.880	91	313105	18.093	ug/l	98
90) Hexachloroethane	14.151	117	72253	18.092	ug/l	88
91) 1,2-Dichlorobenzene	13.927	146	237722	18.553	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	41894	20.003	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	146697	18.811	ug/l	99
94) Hexachlorobutadiene	15.304	225	74130	18.033	ug/l	99
95) Naphthalene	15.439	128	515029	20.257	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	154770	19.201	ug/l	99

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

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