

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
 Data File : VN073624.D
 Acq On : 28 Jul 2022 15:00
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Quant Time: Jul 29 01:32:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 01:29:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	436547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	668732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	634324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	323802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	382593	71.916	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 143.840%#			
35) Dibromofluoromethane	7.945	113	332021	79.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 158.140%#			
50) Toluene-d8	10.381	98	1359828	82.292	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 164.580%#			
62) 4-Bromofluorobenzene	12.669	95	456097	89.261	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 178.520%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	303674	72.865	ug/l	97
3) Chloromethane	2.269	50	362876	59.540	ug/l	100
4) Vinyl Chloride	2.405	62	477230	64.920	ug/l	99
5) Bromomethane	2.781	94	261500	60.887	ug/l	95
6) Chloroethane	2.946	64	312339	60.602	ug/l	99
7) Trichlorofluoromethane	3.305	101	501214	65.957	ug/l	98
8) Diethyl Ether	3.763	74	195925	70.305	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.134	101	297286	68.649	ug/l	99
10) Methyl Iodide	4.340	142	351927	81.984	ug/l	98
11) Tert butyl alcohol	5.287	59	400795	349.325	ug/l	99
12) 1,1-Dichloroethene	4.104	96	282386	69.517	ug/l	95
13) Acrolein	3.975	56	373342	328.223	ug/l	97
14) Allyl chloride	4.751	41	451878	67.223	ug/l	98
15) Acrylonitrile	5.469	53	1062563	338.340	ug/l	100
16) Acetone	4.216	43	936611	328.699	ug/l	98
17) Carbon Disulfide	4.451	76	755834	67.834	ug/l	100
18) Methyl Acetate	4.769	43	452821	63.902	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	1017318	73.146	ug/l	99
20) Methylene Chloride	5.010	84	336403	59.355	ug/l	99
21) trans-1,2-Dichloroethene	5.510	96	316703	70.421	ug/l	93
22) Diisopropyl ether	6.410	45	985429	70.703	ug/l	99
23) Vinyl Acetate	6.345	43	4381701	370.608	ug/l	100
24) 1,1-Dichloroethane	6.304	63	576518	66.921	ug/l	98
25) 2-Butanone	7.257	43	1465770	328.426	ug/l	99
26) 2,2-Dichloropropane	7.245	77	494814	71.236	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	382868	69.629	ug/l	96
28) Bromochloromethane	7.581	49	255928	70.465	ug/l	98
29) Tetrahydrofuran	7.604	42	935529	331.671	ug/l	97
30) Chloroform	7.745	83	612252	67.138	ug/l	99
31) Cyclohexane	8.022	56	524878	66.269	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	534072	70.562	ug/l	98
36) 1,1-Dichloropropene	8.145	75	460297	76.873	ug/l	100
37) Ethyl Acetate	7.334	43	566323	74.970	ug/l	99
38) Carbon Tetrachloride	8.128	117	458760	76.450	ug/l	98
39) Methylcyclohexane	9.392	83	602270	85.429	ug/l	97
40) Benzene	8.387	78	1405945	72.942	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	258610	72.917	ug/l	97
42) 1,2-Dichloroethane	8.463	62	457944	69.529	ug/l	98
43) Isopropyl Acetate	8.492	43	808290	76.391	ug/l	99
44) Trichloroethene	9.151	130	377695	77.743	ug/l	98
45) 1,2-Dichloropropane	9.428	63	349969	72.568	ug/l	98
46) Dibromomethane	9.510	93	248361	73.896	ug/l	99
47) Bromodichloromethane	9.698	83	479635	74.900	ug/l	98
48) Methyl methacrylate	9.492	41	383933	84.039	ug/l	98
49) 1,4-Dioxane	9.504	88	196018	1553.917	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	2828796	376.891	ug/l	100
52) Toluene	10.445	92	929115	79.324	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	539774	84.807	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	585386	82.026	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	368594	73.787	ug/l	99
56) Ethyl methacrylate	10.698	69	595190	87.742	ug/l	98
57) 1,3-Dichloropropane	10.986	76	620146	74.510	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	1410035	454.820	ug/l	100
59) 2-Hexanone	11.028	43	2219315	387.559	ug/l	100
60) Dibromochloromethane	11.175	129	401018	80.656	ug/l	100
61) 1,2-Dibromoethane	11.286	107	393428	77.726	ug/l	100
64) Tetrachloroethene	10.916	164	364615	72.606	ug/l	99
65) Chlorobenzene	11.710	112	1014314	75.130	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	369951	77.449	ug/l	99
67) Ethyl Benzene	11.786	91	1809650	80.544	ug/l	98
68) m/p-Xylenes	11.892	106	1422576	165.081	ug/l	99
69) o-Xylene	12.222	106	693803	82.967	ug/l	98
70) Styrene	12.233	104	1154484	86.293	ug/l	98
71) Bromoform	12.398	173	323515	83.416	ug/l	100
73) Isopropylbenzene	12.522	105	1820600	76.514	ug/l	100
74) N-amyl acetate	12.327	43	686861	76.953	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	577897	63.025	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	423434m	55.189	ug/l	
77) Bromobenzene	12.798	156	452105	73.542	ug/l	95
78) n-propylbenzene	12.863	91	2122292	80.396	ug/l	100
79) 2-Chlorotoluene	12.945	91	1222747	74.138	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1517251	78.321	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	197250	78.944	ug/l	97
82) 4-Chlorotoluene	13.045	91	1209548	76.581	ug/l	97
83) tert-Butylbenzene	13.263	119	1333788	77.999	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	1507529	79.331	ug/l	99
85) sec-Butylbenzene	13.439	105	1915916	81.301	ug/l	99
86) p-Isopropyltoluene	13.557	119	1631073	87.577	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	833692	75.388	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	822236	72.874	ug/l	98
89) n-Butylbenzene	13.880	91	1357674	88.878	ug/l	99
90) Hexachloroethane	14.151	117	280494	73.411	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	814100	71.425	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	131762	72.921	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	510108	90.536	ug/l	99
94) Hexachlorobutadiene	15.298	225	246331	80.267	ug/l	98
95) Naphthalene	15.433	128	1622136	88.525	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	502522	85.235	ug/l	99

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

