

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073891.D
 Acq On : 15 Aug 2022 12:04
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Quant Time: Aug 15 13:11:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 13:00:13 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	642499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	951000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	880853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	458932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	458426	58.548	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.100%			
35) Dibromofluoromethane	7.951	113	407142	68.179	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 136.360%#			
50) Toluene-d8	10.381	98	1596264	67.928	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 135.860%#			
62) 4-Bromofluorobenzene	12.674	95	559011	76.930	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 153.860%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	362799	58.217	ug/l	98
3) Chloromethane	2.269	50	380193	42.330	ug/l	98
4) Vinyl Chloride	2.405	62	511546	46.935	ug/l	99
5) Bromomethane	2.781	94	216601	34.267	ug/l	99
6) Chloroethane	2.946	64	347576	45.725	ug/l	99
7) Trichlorofluoromethane	3.304	101	656594	58.454	ug/l	99
8) Diethyl Ether	3.763	74	247835	58.761	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.134	101	368370	59.275	ug/l	92
10) Methyl Iodide	4.346	142	537115	85.016	ug/l	99
11) Tert butyl alcohol	5.287	59	559863	331.549	ug/l	100
12) 1,1-Dichloroethene	4.110	96	358778	58.856	ug/l	92
13) Acrolein	3.975	56	379664	226.788	ug/l	100
14) Allyl chloride	4.757	41	537711	55.173	ug/l	97
15) Acrylonitrile	5.475	53	1258370	269.397	ug/l	100
16) Acetone	4.216	43	1041868	247.739	ug/l	99
17) Carbon Disulfide	4.451	76	874455	54.101	ug/l	100
18) Methyl Acetate	4.769	43	577120	55.159	ug/l	97
19) Methyl tert-butyl Ether	5.528	73	1327432	63.742	ug/l	97
20) Methylene Chloride	5.010	84	419109	47.224	ug/l	97
21) trans-1,2-Dichloroethene	5.510	96	393869	59.688	ug/l	93
22) Diisopropyl ether	6.410	45	1164384	55.378	ug/l	98
23) Vinyl Acetate	6.351	43	5174262	293.515	ug/l	97
24) 1,1-Dichloroethane	6.304	63	696434	53.839	ug/l	97
25) 2-Butanone	7.257	43	1732009	265.196	ug/l	96
26) 2,2-Dichloropropane	7.245	77	619290	62.227	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	483707	59.495	ug/l	93
28) Bromochloromethane	7.581	49	273682	50.390	ug/l	86
29) Tetrahydrofuran	7.610	42	1115432	270.130	ug/l	95
30) Chloroform	7.745	83	776388	57.607	ug/l	98
31) Cyclohexane	8.022	56	584905	50.176	ug/l	96
32) 1,1,1-Trichloroethane	7.939	97	702276	62.757	ug/l	97
36) 1,1-Dichloropropene	8.151	75	547021	64.272	ug/l	98
37) Ethyl Acetate	7.334	43	656352	58.557	ug/l	97
38) Carbon Tetrachloride	8.134	117	625741	72.388	ug/l	98
39) Methylcyclohexane	9.392	83	694953	68.330	ug/l	93
40) Benzene	8.392	78	1702964	61.617	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	292341	57.638	ug/l	96
42) 1,2-Dichloroethane	8.463	62	585470	62.855	ug/l	98
43) Isopropyl Acetate	8.492	43	998388	65.945	ug/l	98
44) Trichloroethene	9.151	130	497477	70.980	ug/l	93
45) 1,2-Dichloropropane	9.428	63	414919	60.062	ug/l	98
46) Dibromomethane	9.516	93	317590	66.239	ug/l	92
47) Bromodichloromethane	9.698	83	618929	67.259	ug/l	99
48) Methyl methacrylate	9.498	41	434265	65.530	ug/l	88
49) 1,4-Dioxane	9.504	88	266371	1425.917	ug/l	92
51) 4-Methyl-2-Pentanone	10.269	43	3366333	310.013	ug/l	99
52) Toluene	10.445	92	1142231	67.661	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	680235	74.826	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	721077	70.388	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	463952	65.905	ug/l	99
56) Ethyl methacrylate	10.704	69	745521	76.838	ug/l	96
57) 1,3-Dichloropropane	10.986	76	767118	64.227	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	1733238	397.203	ug/l	95
59) 2-Hexanone	11.028	43	2661388	323.495	ug/l	99
60) Dibromochloromethane	11.180	129	542543	77.469	ug/l	100
61) 1,2-Dibromoethane	11.286	107	508730	70.167	ug/l	99
64) Tetrachloroethene	10.916	164	461965	65.991	ug/l	96
65) Chlorobenzene	11.710	112	1279280	68.374	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	502700	74.908	ug/l	98
67) Ethyl Benzene	11.786	91	2194751	69.532	ug/l	97
68) m/p-Xylenes	11.892	106	1780084	147.862	ug/l	95
69) o-Xylene	12.222	106	889905	75.821	ug/l	94
70) Styrene	12.233	104	1461774	77.802	ug/l	98
71) Bromoform	12.398	173	465363	84.013	ug/l #	100
73) Isopropylbenzene	12.522	105	2282019	67.927	ug/l	99
74) N-amyl acetate	12.327	43	852533	67.165	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	736143	56.784	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	724542m	69.534	ug/l	
77) Bromobenzene	12.798	156	608376	69.539	ug/l	90
78) n-propylbenzene	12.863	91	2521519	66.706	ug/l	98
79) 2-Chlorotoluene	12.945	91	1507831	63.911	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	1902844	68.827	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	248012	70.034	ug/l	96
82) 4-Chlorotoluene	13.045	91	1482283	66.291	ug/l	95
83) tert-Butylbenzene	13.263	119	1730861	70.682	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	1913908	70.403	ug/l	99
85) sec-Butylbenzene	13.439	105	2381422	70.362	ug/l	98
86) p-Isopropyltoluene	13.557	119	2065956	77.432	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	1092350	68.403	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	1077841	67.458	ug/l	97
89) n-Butylbenzene	13.880	91	1616268	74.451	ug/l	98
90) Hexachloroethane	14.151	117	351992	66.493	ug/l	88
91) 1,2-Dichlorobenzene	13.927	146	1089685	67.339	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	184307	70.760	ug/l	84
93) 1,2,4-Trichlorobenzene	15.198	180	719629	89.551	ug/l	99
94) Hexachlorobutadiene	15.304	225	358124	81.974	ug/l	98
95) Naphthalene	15.433	128	2360128	90.505	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	722460	85.420	ug/l	99

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

