

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073202.D
 Acq On : 28 Jun 2022 14:53
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Quant Time: Jun 28 15:44:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 15:38:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
 Supervised By :Semsettin Yesilyurt 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	293112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	489873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	454373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	223050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	293075	68.886	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 137.780%#			
35) Dibromofluoromethane	7.945	113	235995	72.756	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 145.520%#			
50) Toluene-d8	10.374	98	836217	72.651	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 145.300%#			
62) 4-Bromofluorobenzene	12.668	95	347569	78.966	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 157.940%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	320532	74.396	ug/l	97
3) Chloromethane	2.269	50	291181	69.868	ug/l	98
4) Vinyl Chloride	2.404	62	247162	69.366	ug/l	100
5) Bromomethane	2.781	94	94189	54.089	ug/l	95
6) Chloroethane	2.945	64	143801	68.931	ug/l	100
7) Trichlorofluoromethane	3.310	101	432042	70.177	ug/l	98
8) Diethyl Ether	3.763	74	177586	71.094	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.134	101	254634	70.370	ug/l	97
10) Methyl Iodide	4.345	142	290107	61.957	ug/l	96
11) Tert butyl alcohol	5.287	59	355406	341.214	ug/l	100
12) 1,1-Dichloroethene	4.110	96	246300	70.848	ug/l	99
13) Acrolein	3.975	56	202962	302.882	ug/l	98
14) Allyl chloride	4.757	41	506966	69.303	ug/l #	95
15) Acrylonitrile	5.463	53	909697	340.186	ug/l	98
16) Acetone	4.216	43	803283	334.254	ug/l	93
17) Carbon Disulfide	4.451	76	651951	72.508	ug/l	100
18) Methyl Acetate	4.763	43	443797	65.883	ug/l	91
19) Methyl tert-butyl Ether	5.528	73	895922	70.599	ug/l	97
20) Methylene Chloride	5.010	84	282530	67.252	ug/l	91
21) trans-1,2-Dichloroethene	5.504	96	255515	70.364	ug/l	94
22) Diisopropyl ether	6.404	45	964128	70.307	ug/l	95
23) Vinyl Acetate	6.345	43	4450318	363.725	ug/l	94
24) 1,1-Dichloroethane	6.298	63	505520	71.470	ug/l	100
25) 2-Butanone	7.251	43	1307806	341.477	ug/l	90
26) 2,2-Dichloropropane	7.245	77	453145	69.468	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	309287	70.525	ug/l	97
28) Bromochloromethane	7.580	49	226965	76.812	ug/l	86
29) Tetrahydrofuran	7.604	42	880209	335.806	ug/l	88
30) Chloroform	7.739	83	499073	70.090	ug/l	99
31) Cyclohexane	8.016	56	463734	66.474	ug/l	92
32) 1,1,1-Trichloroethane	7.933	97	453063	71.224	ug/l	99
36) 1,1-Dichloropropene	8.145	75	376538	75.120	ug/l	98
37) Ethyl Acetate	7.333	43	530571	69.653	ug/l	96
38) Carbon Tetrachloride	8.127	117	380635	73.051	ug/l	98
39) Methylcyclohexane	9.386	83	477529	76.756	ug/l	96
40) Benzene	8.386	78	1118618	71.950	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	270389	74.596	ug/l #	84
42) 1,2-Dichloroethane	8.457	62	407719	72.523	ug/l	97
43) Isopropyl Acetate	8.486	43	806110	73.804	ug/l	93
44) Trichloroethene	9.145	130	285428	72.251	ug/l	92
45) 1,2-Dichloropropane	9.422	63	286851	72.600	ug/l	98
46) Dibromomethane	9.510	93	195694	72.873	ug/l	93
47) Bromodichloromethane	9.698	83	398149	76.587	ug/l	99
48) Methyl methacrylate	9.492	41	364193	71.795	ug/l	92
49) 1,4-Dioxane	9.498	88	137383	1423.503	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	2534063	364.504	ug/l	91
52) Toluene	10.439	92	713802	74.368	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	460577	81.180	ug/l	99
54) cis-1,3-Dichloropropene	10.121	75	484862	79.014	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	274628	69.328	ug/l	98
56) Ethyl methacrylate	10.698	69	493257	77.436	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	494633	73.228	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.974	63	1150018	404.018	ug/l	96
59) 2-Hexanone	11.021	43	1945387	366.966	ug/l	89
60) Dibromochloromethane	11.174	129	302604	80.729	ug/l	100
61) 1,2-Dibromoethane	11.280	107	302416	76.845	ug/l	99
64) Tetrachloroethene	10.910	164	256412	68.497	ug/l	97
65) Chlorobenzene	11.704	112	742097	72.161	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	275523	72.493	ug/l	98
67) Ethyl Benzene	11.780	91	1369025	73.083	ug/l	99
68) m/p-Xylenes	11.892	106	1042652	147.459	ug/l	96
69) o-Xylene	12.215	106	516652	71.492	ug/l	97
70) Styrene	12.233	104	853047	76.802	ug/l	98
71) Bromoform	12.392	173	224245	81.172	ug/l #	99
73) Isopropylbenzene	12.515	105	1364388	70.503	ug/l	99
74) N-amyl acetate	12.327	43	671881	69.004	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.768	83	428187	66.338	ug/l	100
76) 1,2,3-Trichloropropane	12.815	75	422033m	73.203	ug/l	
77) Bromobenzene	12.798	156	311031	68.976	ug/l	90
78) n-propylbenzene	12.857	91	1606951	74.978	ug/l	98
79) 2-Chlorotoluene	12.945	91	945110	69.360	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	1138920	72.151	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	163783	76.883	ug/l	97
82) 4-Chlorotoluene	13.039	91	951409	72.526	ug/l	97
83) tert-Butylbenzene	13.257	119	1003329	70.954	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	1137470	72.368	ug/l	97
85) sec-Butylbenzene	13.439	105	1435687	76.102	ug/l	99
86) p-Isopropyltoluene	13.551	119	1178417	77.324	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	572811	71.235	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	573816	71.214	ug/l	97
89) n-Butylbenzene	13.880	91	1048177	83.610	ug/l	98
90) Hexachloroethane	14.145	117	218670	76.866	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	575708	69.923	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	108689	68.935	ug/l	92
93) 1,2,4-Trichlorobenzene	15.192	180	341136	80.816	ug/l	99
94) Hexachlorobutadiene	15.298	225	141212	75.105	ug/l	100
95) Naphthalene	15.427	128	1223355	70.725	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	336125	76.796	ug/l	98

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

