

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073197.D
 Acq On : 28 Jun 2022 11:47
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 28 12:31:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 12:08:54 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	260945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	454075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	423108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	204148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	384350	107.671	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 215.340%#			
35) Dibromofluoromethane	7.951	113	302642	106.888	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 213.780%#			
50) Toluene-d8	10.374	98	1080748	103.838	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 207.680%#			
62) 4-Bromofluorobenzene	12.668	95	453023	117.723	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 235.440%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	392158	143.396	ug/l	96
3) Chloromethane	2.263	50	363806	121.672	ug/l	98
4) Vinyl Chloride	2.404	62	310096	129.678	ug/l	99
5) Bromomethane	2.775	94	75008	76.270	ug/l	99
6) Chloroethane	2.940	64	177630	120.140	ug/l	100
7) Trichlorofluoromethane	3.304	101	549564	136.417	ug/l	98
8) Diethyl Ether	3.763	74	224632	115.324	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.134	101	308831	116.980	ug/l	98
10) Methyl Iodide	4.345	142	391866	127.398	ug/l	96
11) Tert butyl alcohol	5.287	59	462695	499.003	ug/l	100
12) 1,1-Dichloroethene	4.110	96	307672	117.975	ug/l	94
13) Acrolein	3.975	56	282681	688.529	ug/l	96
14) Allyl chloride	4.757	41	641197	115.010	ug/l #	95
15) Acrylonitrile	5.469	53	1196262	551.632	ug/l	100
16) Acetone	4.222	43	1041968	520.804	ug/l	92
17) Carbon Disulfide	4.451	76	838478	123.815	ug/l	99
18) Methyl Acetate	4.769	43	568612	106.202	ug/l	91
19) Methyl tert-butyl Ether	5.528	73	1138303	116.805	ug/l	99
20) Methylene Chloride	5.010	84	360531	106.123	ug/l	92
21) trans-1,2-Dichloroethene	5.510	96	321500	113.883	ug/l	96
22) Diisopropyl ether	6.410	45	1235948	119.255	ug/l	95
23) Vinyl Acetate	6.351	43	5666629	592.782	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	634584	116.888	ug/l	100
25) 2-Butanone	7.257	43	1718178	541.407	ug/l	92
26) 2,2-Dichloropropane	7.245	77	552028	113.158	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	384634	113.425	ug/l	95
28) Bromochloromethane	7.580	49	280836	123.098	ug/l	84
29) Tetrahydrofuran	7.604	42	1147302	544.958	ug/l	87
30) Chloroform	7.745	83	632446	115.065	ug/l	100
31) Cyclohexane	8.022	56	575249	113.233	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	578904	119.621	ug/l	99
36) 1,1-Dichloropropene	8.151	75	473953	120.144	ug/l	98
37) Ethyl Acetate	7.333	43	681094	108.770	ug/l	96
38) Carbon Tetrachloride	8.133	117	489148	118.506	ug/l	98
39) Methylcyclohexane	9.392	83	584185	122.314	ug/l	95
40) Benzene	8.386	78	1434685	116.165	ug/l	99

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 Supervised By :Semsettin Yesilyurt 06/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	320729	108.900	ug/l	90
42) 1,2-Dichloroethane	8.463	62	521104	118.466	ug/l	98
43) Isopropyl Acetate	8.492	43	1047157	117.026	ug/l	94
44) Trichloroethene	9.145	130	362232	115.265	ug/l	93
45) 1,2-Dichloropropane	9.422	63	365872	115.672	ug/l	98
46) Dibromomethane	9.510	93	247261	116.206	ug/l	94
47) Bromodichloromethane	9.698	83	507037	119.760	ug/l	99
48) Methyl methacrylate	9.492	41	473808	114.488	ug/l	90
49) 1,4-Dioxane	9.504	88	176909	1956.583	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	3290596	565.776	ug/l	91
52) Toluene	10.439	92	887292	117.069	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	576088	126.342	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	613395	123.324	ug/l #	91
55) 1,1,2-Trichloroethane	10.833	97	359409	108.944	ug/l	98
56) Ethyl methacrylate	10.698	69	630886	118.960	ug/l #	84
57) 1,3-Dichloropropane	10.980	76	628876	113.913	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1478034	629.701	ug/l	95
59) 2-Hexanone	11.021	43	2540220	565.225	ug/l	89
60) Dibromochloromethane	11.174	129	387233	124.090	ug/l	100
61) 1,2-Dibromoethane	11.280	107	391305	119.586	ug/l	100
64) Tetrachloroethene	10.910	164	320471	117.447	ug/l	96
65) Chlorobenzene	11.704	112	938795	110.929	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	349940	108.835	ug/l	99
67) Ethyl Benzene	11.780	91	1727260	115.007	ug/l	100
68) m/p-Xylenes	11.892	106	1314697	224.140	ug/l	96
69) o-Xylene	12.216	106	656426	111.910	ug/l	97
70) Styrene	12.233	104	1087072	115.704	ug/l	98
71) Bromoform	12.392	173	291135	120.313	ug/l	100
73) Isopropylbenzene	12.515	105	1723776	106.694	ug/l	98
74) N-amyl acetate	12.327	43	882330	105.747	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	560040	97.531	ug/l	99
76) 1,2,3-Trichloropropane	12.815	75	471057m	93.510	ug/l	
77) Bromobenzene	12.798	156	399071	103.965	ug/l	87
78) n-propylbenzene	12.857	91	2014662	112.925	ug/l	98
79) 2-Chlorotoluene	12.945	91	1215679	105.716	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	1432915	108.247	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	213338	114.261	ug/l	98
82) 4-Chlorotoluene	13.039	91	1187847	109.067	ug/l	97
83) tert-Butylbenzene	13.262	119	1258598	104.132	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	1417300	107.270	ug/l	97
85) sec-Butylbenzene	13.439	105	1790504	110.442	ug/l	99
86) p-Isopropyltoluene	13.551	119	1448460	110.675	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	709183	102.862	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	715990	102.900	ug/l	99
89) n-Butylbenzene	13.880	91	1273153	118.690	ug/l	99
90) Hexachloroethane	14.145	117	279871	113.391	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	726432	101.428	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	149341	96.220	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	425422	108.037	ug/l	97
94) Hexachlorobutadiene	15.298	225	171914	100.570	ug/l	98
95) Naphthalene	15.427	128	1598243	99.948	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	421688	99.967	ug/l	98

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

