

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073196.D
 Acq On : 28 Jun 2022 11:22
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 11:54:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 11:50:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	256716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	454916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	413274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	196079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	183825	52.345	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.680%			
35) Dibromofluoromethane	7.951	113	149517	52.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.420%			
50) Toluene-d8	10.375	98	531374	50.960	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.920%			
62) 4-Bromofluorobenzene	12.669	95	217797	56.492	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	202380	75.221	ug/l	98
3) Chloromethane	2.269	50	186312	63.337	ug/l	100
4) Vinyl Chloride	2.405	62	160659	68.292	ug/l	99
5) Bromomethane	2.793	94	73313	75.775	ug/l	98
6) Chloroethane	2.963	64	93579	64.335	ug/l	99
7) Trichlorofluoromethane	3.316	101	283616	71.561	ug/l	96
8) Diethyl Ether	3.763	74	115726	60.392	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.140	101	161853	62.317	ug/l	98
10) Methyl Iodide	4.351	142	191897	63.415	ug/l	98
11) Tert butyl alcohol	5.281	59	248338	272.237	ug/l	100
12) 1,1-Dichloroethene	4.116	96	156636	61.051	ug/l	94
13) Acrolein	3.981	56	152070	376.500	ug/l	98
14) Allyl chloride	4.757	41	330703	60.294	ug/l	95
15) Acrylonitrile	5.469	53	623829	292.405	ug/l	99
16) Acetone	4.222	43	554216	281.576	ug/l	93
17) Carbon Disulfide	4.457	76	420806	63.163	ug/l	99
18) Methyl Acetate	4.775	43	298330	56.638	ug/l	91
19) Methyl tert-butyl Ether	5.528	73	582950	60.804	ug/l	98
20) Methylene Chloride	5.016	84	185016	55.357	ug/l	90
21) trans-1,2-Dichloroethene	5.510	96	163149	58.743	ug/l	91
22) Diisopropyl ether	6.410	45	627320	61.527	ug/l #	94
23) Vinyl Acetate	6.351	43	2900770	308.446	ug/l	94
24) 1,1-Dichloroethane	6.304	63	322165	60.319	ug/l	98
25) 2-Butanone	7.257	43	907162	290.560	ug/l	91
26) 2,2-Dichloropropane	7.245	77	279071	58.148	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	201146	60.293	ug/l	97
28) Bromochloromethane	7.581	49	147165	65.569	ug/l	86
29) Tetrahydrofuran	7.610	42	610252	294.639	ug/l	87
30) Chloroform	7.745	83	328017	60.661	ug/l	97
31) Cyclohexane	8.022	56	296973	59.420	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	293798	61.709	ug/l	100
36) 1,1-Dichloropropene	8.145	75	237029	59.974	ug/l	99
37) Ethyl Acetate	7.334	43	361624	57.644	ug/l	96
38) Carbon Tetrachloride	8.134	117	243952	58.993	ug/l	100
39) Methylcyclohexane	9.392	83	296255	61.914	ug/l	93
40) Benzene	8.386	78	736608	59.532	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	162598	55.106	ug/l	90
42) 1,2-Dichloroethane	8.463	62	267957	60.804	ug/l	98
43) Isopropyl Acetate	8.492	43	534788	59.655	ug/l	94
44) Trichloroethene	9.145	130	187494	59.552	ug/l	98
45) 1,2-Dichloropropane	9.422	63	189497	59.800	ug/l	99
46) Dibromomethane	9.510	93	126040	59.126	ug/l	94
47) Bromodichloromethane	9.698	83	254818	60.076	ug/l	100
48) Methyl methacrylate	9.492	41	257516	62.110	ug/l	88
49) 1,4-Dioxane	9.504	88	98387	1086.131	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	1712737	293.939	ug/l	91
52) Toluene	10.439	92	455811	60.028	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	285615	62.522	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	302092	60.624	ug/l #	92
55) 1,1,2-Trichloroethane	10.833	97	182937	55.350	ug/l	99
56) Ethyl methacrylate	10.698	69	319109	60.060	ug/l #	87
57) 1,3-Dichloropropane	10.980	76	323743	58.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	741023	315.121	ug/l	97
59) 2-Hexanone	11.022	43	1324387	294.145	ug/l	89
60) Dibromochloromethane	11.175	129	191738	61.330	ug/l	100
61) 1,2-Dibromoethane	11.280	107	195954	59.774	ug/l	100
64) Tetrachloroethene	10.910	164	170256	63.881	ug/l	96
65) Chlorobenzene	11.704	112	471142	56.995	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	178090	56.706	ug/l	98
67) Ethyl Benzene	11.780	91	878811	59.907	ug/l	100
68) m/p-Xylenes	11.892	106	664916	116.057	ug/l	96
69) o-Xylene	12.216	106	332466	58.029	ug/l	97
70) Styrene	12.233	104	538978	58.732	ug/l	98
71) Bromoform	12.398	173	141464	59.852	ug/l	98
73) Isopropylbenzene	12.516	105	863903	55.672	ug/l	99
74) N-amyl acetate	12.327	43	441656	55.111	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.763	83	283159	51.341	ug/l	100
76) 1,2,3-Trichloropropane	12.816	75	239340m	49.467	ug/l	
77) Bromobenzene	12.798	156	199094	54.002	ug/l	88
78) n-propylbenzene	12.857	91	999850	58.349	ug/l	98
79) 2-Chlorotoluene	12.945	91	605582	54.829	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	714940	56.232	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	101252	56.461	ug/l	96
82) 4-Chlorotoluene	13.039	91	589812	56.384	ug/l	98
83) tert-Butylbenzene	13.257	119	638905	55.036	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	714093	56.271	ug/l	98
85) sec-Butylbenzene	13.439	105	887355	56.986	ug/l	98
86) p-Isopropyltoluene	13.551	119	722357	57.466	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	360429	54.429	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	358804	53.688	ug/l	100
89) n-Butylbenzene	13.880	91	609626	59.171	ug/l	99
90) Hexachloroethane	14.145	117	134663	56.805	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	366853	53.330	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	74688	50.101	ug/l	89
93) 1,2,4-Trichlorobenzene	15.192	180	201183	53.193	ug/l	98
94) Hexachlorobutadiene	15.298	225	85524	52.091	ug/l	99
95) Naphthalene	15.427	128	794026	51.699	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	208582	51.482	ug/l	98

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

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