

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
 Data File : VN072393.D
 Acq On : 10 May 2022 15:06
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 11 02:59:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	251386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	418815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	390776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	177316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	383262	99.538	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 199.080%#			
35) Dibromofluoromethane	8.016	113	277480	99.585	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 199.180%#			
50) Toluene-d8	10.439	98	1083743	102.125	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 204.260%#			
62) 4-Bromofluorobenzene	12.727	95	389898	110.632	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 221.260%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	292166	93.189	ug/l	99
3) Chloromethane	2.299	50	289110	99.835	ug/l	97
4) Vinyl Chloride	2.440	62	251068	94.049	ug/l	100
5) Bromomethane	2.816	94	141511	89.035	ug/l	98
6) Chloroethane	2.993	64	138311	100.361	ug/l	99
7) Trichlorofluoromethane	3.363	101	465722	94.127	ug/l	96
8) Diethyl Ether	3.822	74	176368	98.808	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.204	101	248604	92.082	ug/l	99
10) Methyl Iodide	4.416	142	359131	100.347	ug/l #	90
11) Tert butyl alcohol	5.363	59	298937	474.812	ug/l	100
12) 1,1-Dichloroethene	4.175	96	234983	92.890	ug/l	92
13) Acrolein	4.040	56	296686	481.644	ug/l	98
14) Allyl chloride	4.834	41	464780	98.680	ug/l	96
15) Acrylonitrile	5.551	53	840283	491.158	ug/l	99
16) Acetone	4.281	43	704963	462.306	ug/l	97
17) Carbon Disulfide	4.528	76	631854	96.310	ug/l	99
18) Methyl Acetate	4.851	43	426364	94.965	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	922585	100.919	ug/l	99
20) Methylene Chloride	5.092	84	281322	89.977	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	250563	94.673	ug/l	94
22) Diisopropyl ether	6.492	45	929739	97.144	ug/l	96
23) Vinyl Acetate	6.428	43	4070031	508.235	ug/l	94
24) 1,1-Dichloroethane	6.381	63	514073	95.184	ug/l	99
25) 2-Butanone	7.328	43	1143018	474.942	ug/l	93
26) 2,2-Dichloropropane	7.322	77	428927	94.507	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	302926	95.206	ug/l	93
28) Bromochloromethane	7.651	49	239332	104.366	ug/l	86
29) Tetrahydrofuran	7.681	42	757079	484.035	ug/l	91
30) Chloroform	7.810	83	519310	94.514	ug/l	98
31) Cyclohexane	8.092	56	460000	90.160	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	486421	96.520	ug/l	98
36) 1,1-Dichloropropene	8.222	75	387544	96.838	ug/l	97
37) Ethyl Acetate	7.404	43	460489	95.903	ug/l	96
38) Carbon Tetrachloride	8.204	117	427361	95.414	ug/l	97
39) Methylcyclohexane	9.457	83	470247	104.552	ug/l	96
40) Benzene	8.457	78	1132618	94.738	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	262722	110.502	ug/l	# 82
42) 1,2-Dichloroethane	8.528	62	438439	91.243	ug/l	97
43) Isopropyl Acetate	8.557	43	728820	98.820	ug/l	96
44) Trichloroethene	9.210	130	289144	95.272	ug/l	95
45) 1,2-Dichloropropane	9.486	63	295949	96.932	ug/l	99
46) Dibromomethane	9.569	93	198914	93.568	ug/l	94
47) Bromodichloromethane	9.757	83	428517	98.874	ug/l	100
48) Methyl methacrylate	9.551	41	361707	105.117	ug/l	91
49) 1,4-Dioxane	9.569	88	119114	2029.284	ug/l	# 92
51) 4-Methyl-2-Pentanone	10.327	43	2320019	506.595	ug/l	94
52) Toluene	10.504	92	731256	99.196	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	465754	105.576	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	489880	104.081	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	288812	94.044	ug/l	99
56) Ethyl methacrylate	10.757	69	485655	110.341	ug/l	89
57) 1,3-Dichloropropane	11.039	76	510342	97.589	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	634796	513.859	ug/l	96
59) 2-Hexanone	11.080	43	1682770	524.038	ug/l	93
60) Dibromochloromethane	11.233	129	334361	102.493	ug/l	99
61) 1,2-Dibromoethane	11.339	107	309564	101.147	ug/l	100
64) Tetrachloroethene	10.974	164	256558	91.211	ug/l	97
65) Chlorobenzene	11.763	112	763624	95.646	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	302933	94.797	ug/l	97
67) Ethyl Benzene	11.839	91	1436854	104.308	ug/l	100
68) m/p-Xylenes	11.945	106	1098889	210.334	ug/l	95
69) o-Xylene	12.274	106	544646	106.102	ug/l	96
70) Styrene	12.286	104	886640	112.905	ug/l	98
71) Bromoform	12.451	173	242459	102.856	ug/l	# 99
73) Isopropylbenzene	12.574	105	1426007	97.079	ug/l	98
74) N-amyl acetate	12.380	43	528957	101.875	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	435029	81.575	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	400629m	86.627	ug/l	
77) Bromobenzene	12.857	156	324021	92.199	ug/l	93
78) n-propylbenzene	12.915	91	1615053	102.748	ug/l	98
79) 2-Chlorotoluene	13.004	91	980021	94.906	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	1188663	98.803	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	139357	100.524	ug/l	96
82) 4-Chlorotoluene	13.098	91	965303	98.641	ug/l	96
83) tert-Butylbenzene	13.321	119	1054314	100.106	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	1168021	99.805	ug/l	97
85) sec-Butylbenzene	13.498	105	1443540	102.773	ug/l	98
86) p-Isopropyltoluene	13.610	119	1172643	107.177	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	580832	95.832	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	571934	94.854	ug/l	98
89) n-Butylbenzene	13.939	91	941828	112.613	ug/l	98
90) Hexachloroethane	14.204	117	209824	95.968	ug/l	92
91) 1,2-Dichlorobenzene	13.980	146	561758	92.802	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	95026	102.473	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	273606	119.320	ug/l	98
94) Hexachlorobutadiene	15.362	225	129257	85.136	ug/l	98
95) Naphthalene	15.498	128	890771	101.608	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	267876	116.572	ug/l	99

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

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