

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070664.D
 Acq On : 18 Jan 2022 12:08
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/19/2022
 Supervised By :Semsettin Yesilyurt 01/19/2022

Quant Time: Jan 18 12:35:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 12:34:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	869456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1422665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1325600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	575952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	622430	49.834	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.660%		
35) Dibromofluoromethane	8.019	113	447921	51.762	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.520%		
50) Toluene-d8	10.438	98	1869727	52.508	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.020%		
62) 4-Bromofluorobenzene	12.728	95	678336	52.963	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	486829	49.893	ug/l	99
3) Chloromethane	2.303	50	698281	51.484	ug/l	99
4) Vinyl Chloride	2.448	62	685556	54.957	ug/l	98
5) Bromomethane	2.848	94	359752	56.376	ug/l	99
6) Chloroethane	3.019	64	415333	55.224	ug/l	98
7) Trichlorofluoromethane	3.376	101	774844	52.273	ug/l	97
8) Diethyl Ether	3.824	74	335747	51.504	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	455819	50.739	ug/l	95
10) Methyl Iodide	4.419	142	632936	52.268	ug/l	98
11) Tert butyl alcohol	5.377	59	541795	258.181	ug/l	98
12) 1,1-Dichloroethene	4.181	96	451042	50.880	ug/l	91
13) Acrolein	4.039	56	743343	380.371	ug/l	99
14) Allyl chloride	4.838	41	1068266	52.750	ug/l #	83
15) Acrylonitrile	5.551	53	1831475	277.137	ug/l	99
16) Acetone	4.285	43	2168655	266.519	ug/l	97
17) Carbon Disulfide	4.529	76	1295992	53.119	ug/l	98
18) Methyl Acetate	4.854	43	821549	36.798	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	1747503	52.880	ug/l	94
20) Methylene Chloride	5.095	84	552522	49.087	ug/l #	86
21) trans-1,2-Dichloroethene	5.594	96	487502	51.813	ug/l	86
22) Diisopropyl ether	6.495	45	2104212	53.255	ug/l	91
23) Vinyl Acetate	6.431	43	9133339	293.459	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1035844	50.907	ug/l	98
25) 2-Butanone	7.332	43	2816254	272.901	ug/l	92
26) 2,2-Dichloropropane	7.324	77	795595	49.908	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	573011	51.204	ug/l	86
28) Bromochloromethane	7.657	49	450982	46.208	ug/l #	76
29) Tetrahydrofuran	7.683	42	1719392	277.951	ug/l	87
30) Chloroform	7.818	83	984182	50.312	ug/l	99
31) Cyclohexane	8.094	56	1052449	52.634	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	813343	49.639	ug/l	98
36) 1,1-Dichloropropene	8.220	75	743895	51.984	ug/l	96
37) Ethyl Acetate	7.410	43	1011914	54.132	ug/l	97
38) Carbon Tetrachloride	8.206	117	671451	49.649	ug/l	99
39) Methylcyclohexane	9.459	83	947826	54.401	ug/l	88
40) Benzene	8.459	78	2302907	52.368	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	500138	53.891	ug/l	90
42) 1,2-Dichloroethane	8.528	62	796773	48.745	ug/l	100
43) Isopropyl Acetate	8.560	43	1541742	52.579	ug/l	96
44) Trichloroethene	9.212	130	525956	50.573	ug/l	92
45) 1,2-Dichloropropane	9.488	63	629900	53.112	ug/l	99
46) Dibromomethane	9.574	93	371895	50.855	ug/l	94
47) Bromodichloromethane	9.759	83	745952	51.480	ug/l	100
48) Methyl methacrylate	9.558	41	765833	54.995	ug/l #	77
49) 1,4-Dioxane	9.569	88	223799	1083.599	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	5044877	273.297	ug/l	98
52) Toluene	10.502	92	1403866	52.857	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	844287	53.633	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	938311	54.865	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	542121	51.655	ug/l	98
56) Ethyl methacrylate	10.760	69	963892	55.255	ug/l	89
57) 1,3-Dichloropropane	11.044	76	976743	52.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	1179477	315.711	ug/l	90
59) 2-Hexanone	11.084	43	3817440	283.178	ug/l	97
60) Dibromochloromethane	11.237	129	531164	52.240	ug/l	100
61) 1,2-Dibromoethane	11.344	107	554548	52.073	ug/l	99
64) Tetrachloroethene	10.977	164	478684	49.706	ug/l	97
65) Chlorobenzene	11.768	112	1430117	50.788	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	504255	50.302	ug/l	99
67) Ethyl Benzene	11.843	91	2734363	52.842	ug/l	96
68) m/p-Xylenes	11.950	106	2016683	106.990	ug/l	92
69) o-Xylene	12.278	106	999732	53.407	ug/l	92
70) Styrene	12.291	104	1646216	55.457	ug/l	96
71) Bromoform	12.455	173	393081	52.917	ug/l #	99
73) Isopropylbenzene	12.575	105	2604736	48.822	ug/l	98
74) N-amyl acetate	12.385	43	1149994	50.966	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	872679	48.475	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	695257m	40.766	ug/l	
77) Bromobenzene	12.860	156	589745	48.246	ug/l	75
78) n-propylbenzene	12.919	91	3041987	51.222	ug/l	96
79) 2-Chlorotoluene	13.004	91	1850347	48.674	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2157704	50.380	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	257611	54.397	ug/l	95
82) 4-Chlorotoluene	13.104	91	1797930	50.332	ug/l	91
83) tert-Butylbenzene	13.321	119	1878090	49.770	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2121826	51.423	ug/l	97
85) sec-Butylbenzene	13.498	105	2625001	51.188	ug/l	97
86) p-Isopropyltoluene	13.613	119	2110048	52.344	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1018832	49.547	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	988035	48.668	ug/l	97
89) n-Butylbenzene	13.940	91	1744987	51.842	ug/l	97
90) Hexachloroethane	14.209	117	357717	51.315	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	977237	48.501	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	154192	49.773	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	486916	50.924	ug/l	97
94) Hexachlorobutadiene	15.367	225	296251	52.872	ug/l	100
95) Naphthalene	15.504	128	1312808	50.645	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	473533	50.727	ug/l	99

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

