

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070668.D
 Acq On : 18 Jan 2022 13:51
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN011822

Quant Time: Jan 19 01:10:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	955810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1553323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1459022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	632365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	643434	46.972	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.940%		
35) Dibromofluoromethane	8.021	113	468579	48.632	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.260%		
50) Toluene-d8	10.440	98	1967011	48.459	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.920%		
62) 4-Bromofluorobenzene	12.728	95	740046	51.163	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	524782	47.514	ug/l	98
3) Chloromethane	2.303	50	741446	45.926	ug/l	99
4) Vinyl Chloride	2.448	62	691826	45.055	ug/l	98
5) Bromomethane	2.840	94	384144	48.034	ug/l	99
6) Chloroethane	3.011	64	397449	41.478	ug/l	97
7) Trichlorofluoromethane	3.373	101	826231	47.102	ug/l	97
8) Diethyl Ether	3.821	74	378863	49.444	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.208	101	492815	46.484	ug/l	96
10) Methyl Iodide	4.419	142	653942	47.834	ug/l	98
11) Tert butyl alcohol	5.380	59	572815	231.783	ug/l	98
12) 1,1-Dichloroethene	4.181	96	489306	46.275	ug/l	92
13) Acrolein	4.039	56	703844	198.581	ug/l	100
14) Allyl chloride	4.838	41	1139250	49.449	ug/l #	84
15) Acrylonitrile	5.551	53	1884372	239.685	ug/l	99
16) Acetone	4.285	43	2088981	219.717	ug/l	97
17) Carbon Disulfide	4.527	76	1389429	48.382	ug/l	99
18) Methyl Acetate	4.854	43	856412	45.802	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1854799	49.102	ug/l	93
20) Methylene Chloride	5.095	84	586114	46.800	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	517965	48.671	ug/l	86
22) Diisopropyl ether	6.495	45	2244013	49.140	ug/l #	91
23) Vinyl Acetate	6.431	43	9759439	252.117	ug/l	94
24) 1,1-Dichloroethane	6.385	63	1101802	48.234	ug/l	98
25) 2-Butanone	7.335	43	2831618	236.682	ug/l	91
26) 2,2-Dichloropropane	7.324	77	864638	49.370	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	612750	48.469	ug/l	87
28) Bromochloromethane	7.657	49	476959	46.506	ug/l #	77
29) Tetrahydrofuran	7.683	42	1755795	239.682	ug/l	88
30) Chloroform	7.817	83	1045113	46.821	ug/l	100
31) Cyclohexane	8.094	56	1134013	47.013	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	866314	48.861	ug/l	98
36) 1,1-Dichloropropene	8.220	75	811859	50.050	ug/l	96
37) Ethyl Acetate	7.410	43	1026384	47.661	ug/l	98
38) Carbon Tetrachloride	8.204	117	717293	49.708	ug/l	100
39) Methylcyclohexane	9.459	83	1044796	52.174	ug/l	89
40) Benzene	8.459	78	2452569	48.797	ug/l	99

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41) Methacrylonitrile	7.635	41	546411	49.873	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	844825	48.476	ug/l	100
43) Isopropyl Acetate	8.558	43	1644481	49.995	ug/l #	96
44) Trichloroethene	9.215	130	563219	49.430	ug/l	91
45) 1,2-Dichloropropane	9.488	63	673019	49.215	ug/l	98
46) Dibromomethane	9.574	93	394273	49.585	ug/l	94
47) Bromodichloromethane	9.759	83	792849	48.779	ug/l	99
48) Methyl methacrylate	9.558	41	817072	52.142	ug/l #	77
49) 1,4-Dioxane	9.569	88	237886	1010.651	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	5237953	249.562	ug/l	98
52) Toluene	10.505	92	1505800	50.085	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	916256	46.655	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1009609	51.795	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	569996	48.260	ug/l	96
56) Ethyl methacrylate	10.760	69	1026503	45.896	ug/l	88
57) 1,3-Dichloropropane	11.044	76	1034714	49.488	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1148483	205.663	ug/l	90
59) 2-Hexanone	11.084	43	3913083	256.641	ug/l	97
60) Dibromochloromethane	11.237	129	563560	51.155	ug/l	99
61) 1,2-Dibromoethane	11.344	107	584716	49.309	ug/l	99
64) Tetrachloroethene	10.977	164	508708	47.553	ug/l	94
65) Chlorobenzene	11.768	112	1533956	48.525	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	533569	49.016	ug/l	99
67) Ethyl Benzene	11.843	91	2942385	50.205	ug/l	96
68) m/p-Xylenes	11.950	106	2170434	101.799	ug/l	92
69) o-Xylene	12.278	106	1067489	50.452	ug/l	91
70) Styrene	12.291	104	1768371	52.243	ug/l	96
71) Bromoform	12.457	173	419749	51.048	ug/l #	99
73) Isopropylbenzene	12.575	105	2810358	46.976	ug/l	98
74) N-amyl acetate	12.385	43	1222509	49.979	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	896771	44.386	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	788816m	47.032	ug/l	
77) Bromobenzene	12.857	156	631609	47.088	ug/l	76
78) n-propylbenzene	12.919	91	3305224	49.402	ug/l	95
79) 2-Chlorotoluene	13.004	91	2005605	47.388	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2338947	48.346	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	282016	50.094	ug/l	91
82) 4-Chlorotoluene	13.101	91	1954067	49.416	ug/l	91
83) tert-Butylbenzene	13.321	119	2025857	48.105	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	2292643	49.301	ug/l	97
85) sec-Butylbenzene	13.498	105	2862583	49.999	ug/l	97
86) p-Isopropyltoluene	13.613	119	2308876	51.337	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1098130	49.215	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1062816	47.863	ug/l	96
89) n-Butylbenzene	13.940	91	1959047	52.800	ug/l	97
90) Hexachloroethane	14.209	117	387893	49.339	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	1040071	47.180	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	158230	46.169	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	547024	47.040	ug/l	97
94) Hexachlorobutadiene	15.367	225	328624	50.333	ug/l	99
95) Naphthalene	15.504	128	1493029	45.974	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	526120	47.297	ug/l	99

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

