Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100522\
Data File : VN074744.D
Acq On : 05 Oct 2022 17:27
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 06 07:38:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	343137	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	635665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	691277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	445490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	419121	51.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.100%			
35) Dibromofluoromethane	8.177	113	328639	51.170	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.340%			
50) Toluene-d8	10.571	98	1415886	51.378	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.760%			
62) 4-Bromofluorobenzene	12.847	95	461958	55.144	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	336976	47.886	ug/l	94
3) Chloromethane	2.383	50	457986	43.763	ug/l	100
4) Vinyl Chloride	2.530	62	591126	45.621	ug/l	93
5) Bromomethane	2.942	94	438462	47.988	ug/l	100
6) Chloroethane	3.124	64	424465	44.275	ug/l	95
7) Trichlorofluoromethane	3.506	101	460102	45.055	ug/l	93
8) Diethyl Ether	3.983	74	238808	44.827	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	293475	46.910	ug/l	99
10) Methyl Iodide	4.612	142	368341	48.689	ug/l	99
11) Tert butyl alcohol	5.553	59	564779	207.408	ug/l	100
12) 1,1-Dichloroethene	4.359	96	303290	45.542	ug/l	94
13) Acrolein	4.200	56	160713	253.972	ug/l	95
14) Allyl chloride	5.041	41	651687	47.614	ug/l	100
15) Acrylonitrile	5.741	53	1381557	232.618	ug/l	100
16) Acetone	4.453	43	1057563	229.532	ug/l	97
17) Carbon Disulfide	4.730	76	837480	46.019	ug/l	99
18) Methyl Acetate	5.053	43	774970	45.430	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	1226101	47.324	ug/l	97
20) Methylene Chloride	5.294	84	386378	52.832	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	329462	46.250	ug/l	89
22) Diisopropyl ether	6.688	45	1393424	47.934	ug/l	98
23) Vinyl Acetate	6.624	43	6083039	254.746	ug/l	98
24) 1,1-Dichloroethane	6.588	63	709534	47.341	ug/l	97
25) 2-Butanone	7.500	43	1942448	232.296	ug/l	97
26) 2,2-Dichloropropane	7.500	77	557793	45.123	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	408856	48.213	ug/l	99
28) Bromochloromethane	7.824	49	344620	50.961	ug/l	99
29) Tetrahydrofuran	7.853	42	1363350	233.935	ug/l	99
30) Chloroform	7.977	83	679110	49.470	ug/l	95
31) Cyclohexane	8.265	56	665371	47.350	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	575832	49.212	ug/l	98
36) 1,1-Dichloropropene	8.382	75	515298	49.570	ug/l	99
37) Ethyl Acetate	7.500	43	1942448	46.586	ug/l #	49
38) Carbon Tetrachloride	8.371	117	474474	48.400	ug/l	96
39) Methylcyclohexane	9.606	83	661974	49.157	ug/l	91
40) Benzene	8.612	78	1642426	48.804	ug/l	97

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41) Methacrylonitrile	7.794	41	390137	47.495	ug/l		99
42) 1,2-Dichloroethane	8.677	62	517796	49.018	ug/l		100
43) Isopropyl Acetate	8.700	43	1233003	47.851	ug/l		100
44) Trichloroethene	9.359	130	338999	48.366	ug/l		94
45) 1,2-Dichloropropane	9.629	63	445321	48.871	ug/l		100
46) Dibromomethane	9.712	93	265353	49.627	ug/l		94
47) Bromodichloromethane	9.894	83	544170	49.813	ug/l		96
48) Methyl methacrylate	9.618	41	520983	49.247	ug/l	#	96
49) 1,4-Dioxane	9.700	88	197592	861.777	ug/l	#	81
51) 4-Methyl-2-Pentanone	10.447	43	4065194	244.991	ug/l		100
52) Toluene	10.635	92	1034785	51.185	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	666908	51.236	ug/l		96
54) cis-1,3-Dichloropropene	10.318	75	698990	49.740	ug/l		100
55) 1,1,2-Trichloroethane	11.018	97	403308	49.614	ug/l		95
56) Ethyl methacrylate	10.876	69	750171	50.670	ug/l		100
57) 1,3-Dichloropropane	11.165	76	718516	49.042	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	1312741	245.832	ug/l		99
59) 2-Hexanone	11.200	43	3087437	245.992	ug/l		98
60) Dibromochloromethane	11.359	129	411909	51.439	ug/l		97
61) 1,2-Dibromoethane	11.470	107	411260	49.754	ug/l		99
64) Tetrachloroethene	11.106	164	255776	45.579	ug/l		92
65) Chlorobenzene	11.894	112	1034560	48.852	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.965	131	365490	47.266	ug/l		99
67) Ethyl Benzene	11.965	91	1966581	49.820	ug/l		98
68) m/p-Xylenes	12.070	106	1530071	103.258	ug/l		98
69) o-Xylene	12.400	106	762421	50.151	ug/l		98
70) Styrene	12.412	104	1258284	52.502	ug/l		99
71) Bromoform	12.576	173	300688	50.977	ug/l	#	98
73) Isopropylbenzene	12.700	105	1963624	45.805	ug/l		99
74) N-amyl acetate	12.494	43	1097002	42.323	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.941	83	715400	51.572	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	631902m	47.523	ug/l		
77) Bromobenzene	12.982	156	395411	51.445	ug/l		99
78) n-propylbenzene	13.041	91	2350064	47.584	ug/l		99
79) 2-Chlorotoluene	13.129	91	1357375	45.324	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	1638020	47.910	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	296670	43.471	ug/l		99
82) 4-Chlorotoluene	13.223	91	1304068	46.981	ug/l		99
83) tert-Butylbenzene	13.441	119	1402786	47.480	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	1647379	47.652	ug/l		99
85) sec-Butylbenzene	13.617	105	2085818	48.582	ug/l		100
86) p-Isopropyltoluene	13.729	119	1665457	50.267	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	766901	45.108	ug/l		98
88) 1,4-Dichlorobenzene	13.817	146	780878	48.626	ug/l		100
89) n-Butylbenzene	14.059	91	1471777	50.398	ug/l		99
90) Hexachloroethane	14.335	117	337434	45.550	ug/l		97
91) 1,2-Dichlorobenzene	14.106	146	799532	48.832	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	149321	42.024	ug/l		96
93) 1,2,4-Trichlorobenzene	15.394	180	342501	47.823	ug/l		96
94) Hexachlorobutadiene	15.505	225	144672	43.182	ug/l		99
95) Naphthalene	15.641	128	1461223	47.193	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	333723	47.094	ug/l		99

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

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