Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
Data File : VN078077.D
Acq On : 06 Jun 2023 18:00
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 07 01:23:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	374778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	683721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	596701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	258520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	242964	43.327	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.660%		
35) Dibromofluoromethane	8.171	113	220135	49.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	10.576	98	783733	45.670	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.340%		
62) 4-Bromofluorobenzene	12.853	95	267230	44.091	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.180%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	158477	37.156	ug/l	97
3) Chloromethane	2.371	50	180572	39.556	ug/l	99
4) Vinyl Chloride	2.518	62	241680	44.943	ug/l	99
5) Bromomethane	2.948	94	180905	45.486	ug/l	100
6) Chloroethane	3.124	64	181565	46.850	ug/l	100
7) Trichlorofluoromethane	3.506	101	358330	47.814	ug/l	99
8) Diethyl Ether	3.971	74	138729	50.707	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.383	101	193146	46.571	ug/l	95
10) Methyl Iodide	4.595	142	275940	55.789	ug/l	99
11) Tert butyl alcohol	5.536	59	195727	252.907	ug/l	99
12) 1,1-Dichloroethene	4.347	96	197956	50.219	ug/l	94
13) Acrolein	4.189	56	112352	231.196	ug/l	96
14) Allyl chloride	5.036	41	257368	44.445	ug/l	92
15) Acrylonitrile	5.730	53	521312	252.135	ug/l	100
16) Acetone	4.436	43	395768	224.328	ug/l	99
17) Carbon Disulfide	4.724	76	388592	36.587	ug/l	99
18) Methyl Acetate	5.042	43	372840	50.375	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	743136	52.085	ug/l	100
20) Methylene Chloride	5.289	84	243405	53.131	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	214988	48.554	ug/l	92
22) Diisopropyl ether	6.683	45	679315	50.049	ug/l	96
23) Vinyl Acetate	6.612	43	2046177	243.314	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	427793	51.445	ug/l	98
25) 2-Butanone	7.494	43	652299	236.357	ug/l	89
26) 2,2-Dichloropropane	7.500	77	360814	51.073	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	272140	51.259	ug/l	92
28) Bromochloromethane	7.824	49	160496	44.628	ug/l	94
29) Tetrahydrofuran	7.841	42	421377	233.179	ug/l	88
30) Chloroform	7.977	83	468171	51.181	ug/l	95
31) Cyclohexane	8.259	56	303103	39.769	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	419705	53.967	ug/l	98
36) 1,1-Dichloropropene	8.377	75	322824	49.504	ug/l	98
37) Ethyl Acetate	7.571	43	276488	47.569	ug/l	95
38) Carbon Tetrachloride	8.371	117	355250	53.948	ug/l	95
39) Methylcyclohexane	9.606	83	315503	39.519	ug/l	93
40) Benzene	8.618	78	1000538	51.993	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	157199	50.784	ug/l		91
42) 1,2-Dichloroethane	8.677	62	351024	50.215	ug/l		99
43) Isopropyl Acetate	8.694	43	531372	55.969	ug/l		92
44) Trichloroethene	9.359	130	262307	53.832	ug/l		91
45) 1,2-Dichloropropane	9.629	63	258161	52.594	ug/l		95
46) Dibromomethane	9.718	93	186648	53.140	ug/l		93
47) Bromodichloromethane	9.894	83	379567	56.445	ug/l		95
48) Methyl methacrylate	9.688	41	222713	49.478	ug/l		93
49) 1,4-Dioxane	9.700	88	95964	1128.764	ug/l		97
51) 4-Methyl-2-Pentanone	10.453	43	1473456	261.097	ug/l		93
52) Toluene	10.635	92	633645	52.891	ug/l		95
53) t-1,3-Dichloropropene	10.841	75	400048	56.178	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	425921	54.275	ug/l		98
55) 1,1,2-Trichloroethane	11.024	97	265462	55.806	ug/l		96
56) Ethyl methacrylate	10.882	69	393126	54.659	ug/l		92
57) 1,3-Dichloropropane	11.171	76	444670	54.528	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	754122	213.127	ug/l		94
59) 2-Hexanone	11.200	43	1032999	247.476	ug/l		95
60) Dibromochloromethane	11.365	129	284674	57.969	ug/l		97
61) 1,2-Dibromoethane	11.476	107	268263	56.529	ug/l		98
64) Tetrachloroethene	11.112	164	195518	46.855	ug/l		100
65) Chlorobenzene	11.900	112	711346	54.991	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.965	131	273253	61.049	ug/l		99
67) Ethyl Benzene	11.970	91	1233539	53.212	ug/l		100
68) m/p-Xylenes	12.076	106	941563	107.194	ug/l		100
69) o-Xylene	12.406	106	472409	54.688	ug/l		99
70) Styrene	12.418	104	772493	56.294	ug/l		99
71) Bromoform	12.582	173	185072	62.156	ug/l	#	99
73) Isopropylbenzene	12.700	105	1163580	52.215	ug/l		99
74) N-amyl acetate	12.500	43	404998	49.168	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.947	83	371859	54.242	ug/l		98
76) 1,2,3-Trichloropropane	13.000	75	294459m	45.481	ug/l		
77) Bromobenzene	12.988	156	271045	53.298	ug/l		98
78) n-propylbenzene	13.041	91	1282700	48.824	ug/l		99
79) 2-Chlorotoluene	13.129	91	810101	51.675	ug/l		96
80) 1,3,5-Trimethylbenzene	13.176	105	938801	50.125	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	103902	51.299	ug/l	#	84
82) 4-Chlorotoluene	13.223	91	763355	48.939	ug/l		97
83) tert-Butylbenzene	13.447	119	829814	50.752	ug/l		95
84) 1,2,4-Trimethylbenzene	13.488	105	942454	51.165	ug/l		99
85) sec-Butylbenzene	13.623	105	1089725	46.896	ug/l		100
86) p-Isopropyltoluene	13.735	119	901626	48.670	ug/l		98
87) 1,3-Dichlorobenzene	13.741	146	468401	49.804	ug/l		97
88) 1,4-Dichlorobenzene	13.817	146	449406	48.154	ug/l		99
89) n-Butylbenzene	14.064	91	713034	41.847	ug/l		98
90) Hexachloroethane	14.341	117	161193	52.967	ug/l		91
91) 1,2-Dichlorobenzene	14.112	146	465890	53.026	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62240	46.894	ug/l		94
93) 1,2,4-Trichlorobenzene	15.400	180	182213	35.489	ug/l		98
94) Hexachlorobutadiene	15.506	225	89141	41.816	ug/l		96
95) Naphthalene	15.647	128	585525	33.132	ug/l		98
96) 1,2,3-Trichlorobenzene	15.847	180	187974	37.393	ug/l		97

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

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