Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046043.D
Acq On : 14 Jul 2020 21:49
Operator : CG/JU
Sample : L3181-05MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Manual Integrations APPROVED
mohammad
7/15/2020 11:01:39 AM

Quant Time: Jul 15 00:57:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:58:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	124192	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	501229	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	302752	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	661581	20.00	ng		0.00
76) Chrysene-d12	21.62	240	587940	20.00	ng		0.00
86) Perylene-d12	24.78	264	599880	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	905470	118.23	ng		0.00
7) Phenol-d6	7.17	99	1130149	102.50	ng		0.00
23) Nitrobenzene-d5	9.16	82	854539	98.13	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	357924	127.38	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1495991	77.08	ng		0.00
79) Terphenyl-d14	19.98	244	2020194	76.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	151019	42.743	ng	#	35
3) Pyridine	3.91	79	414263	38.776	ng		98
4) n-Nitrosodimethylamine	3.81	42	186456	51.614	ng	#	94
6) Aniline	7.33	93	343024	24.320	ng		98
8) 2-Chlorophenol	7.57	128	421604	51.141	ng		99
9) Benzaldehyde	7.14	77	136885	19.595	ng		98
10) Phenol	7.20	94	489022	44.215	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	448286	49.015	ng		98
12) 1,3-Dichlorobenzene	7.90	146	442022	46.517	ng		97
13) 1,4-Dichlorobenzene	8.04	146	437479	46.801	ng		99
14) 1,2-Dichlorobenzene	8.36	146	430488	47.850	ng		97
15) Benzyl Alcohol	8.24	79	424271	49.076	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	575413	48.221	ng		98
17) 2-Methylphenol	8.45	107	378624	45.623	ng		98
18) Hexachloroethane	9.09	117	172874	48.064	ng		91
19) n-Nitroso-di-n-propylamine	8.81	70	375582	48.489	ng		99
20) 3+4-Methylphenols	8.77	107	505157	44.662	ng		99
22) Acetophenone	8.82	105	630365	47.076	ng		97
24) Nitrobenzene	9.20	77	533058	55.460	ng		99
25) Isophorone	9.72	82	988211	46.485	ng		99
26) 2-Nitrophenol	9.91	139	209018	66.718	ng		94
27) 2,4-Dimethylphenol	9.97	122	378746	50.053	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	586142	49.100	ng		99
29) 2,4-Dichlorophenol	10.45	162	384580	49.096	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	393944	45.389	ng		97
31) Naphthalene	10.85	128	1260406	46.908	ng		99
32) Benzoic acid	10.07	122	63929	18.465	ng		98
33) 4-Chloroaniline	10.96	127	53780	4.479	ng		96
34) Hexachlorobutadiene	11.15	225	219094	43.233	ng		98
35) Caprolactam	11.73	113	123082m	41.385	ng		
36) 4-Chloro-3-methylphenol	12.08	107	443900	49.755	ng		99
37) 2-Methylnaphthalene	12.45	142	909013	47.590	ng		98
38) 1-Methylnaphthalene	12.67	142	869037	48.210	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	384665	45.073	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	456988	90.243	ng		98
43) 2,4,6-Trichlorophenol	13.06	196	289896	50.226	ng		98
44) 2,4,5-Trichlorophenol	13.14	196	307558	47.129	ng		98
46) 1,1'-Biphenyl	13.46	154	1086289	47.697	ng		98
47) 2-Chloronaphthalene	13.50	162	831087	46.250	ng		98
48) 2-Nitroaniline	13.70	65	317332	61.940	ng		98
49) Acenaphthylene	14.35	152	1360977	46.942	ng		99
50) Dimethylphthalate	14.09	163	1089812	47.965	ng		100
51) 2,6-Dinitrotoluene	14.19	165	242060	58.767	ng		94
52) Acenaphthene	14.69	154	907493	49.624	ng		97
53) 3-Nitroaniline	14.52	138	115715	24.747	ng	#	92
54) 2,4-Dinitrophenol	14.72	184	116114	76.655	ng	#	91
55) Dibenzofuran	15.03	168	1255228	46.825	ng		100
56) 4-Nitrophenol	14.84	139	409105	110.519	ng		97
57) 2,4-Dinitrotoluene	14.98	165	337512	63.336	ng		99
58) Fluorene	15.67	166	1047193	47.620	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	281187	55.807	ng		92
60) Diethylphthalate	15.45	149	1124632	47.198	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	496117	45.347	ng		100
62) 4-Nitroaniline	15.68	138	273445	58.230	ng		94
63) Azobenzene	15.96	77	1266409	49.518	ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	119825	51.951	ng		97
66) n-Nitrosodiphenylamine	15.88	169	944229	46.057	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	319763	43.276	ng		98
68) Hexachlorobenzene	16.68	284	335634	45.266	ng		95
69) Atrazine	16.83	200	321963	53.117	ng		99
70) Pentachlorophenol	17.02	266	394556	95.709	ng		98
71) Phenanthrene	17.41	178	1630272	46.611	ng		97
72) Anthracene	17.50	178	1664576	46.896	ng		98
73) Carbazole	17.76	167	1642797	46.174	ng		99
74) Di-n-butylphthalate	18.34	149	1953722	45.443	ng		99
75) Fluoranthene	19.42	202	1929651	47.725	ng		97
77) Benzidine	19.59	184	421480	25.072	ng		99
78) Pyrene	19.78	202	1928446	48.052	ng		98
80) Butylbenzylphthalate	20.67	149	921904	48.610	ng		95
81) Benzo(a)anthracene	21.61	228	1770247	45.791	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	355764	24.904	ng		98
83) Chrysene	21.67	228	1701732	46.206	ng		97
84) Bis(2-ethylhexyl)phthalate	21.54	149	1294853	47.035	ng		99
85) Di-n-octyl phthalate	22.73	149	2198595	46.021	ng		100
87) Indeno(1,2,3-cd)pyrene	28.36	276	2208536	50.325	ng		99
88) Benzo(b)fluoranthene	23.79	252	1867159	49.031	ng		97
89) Benzo(k)fluoranthene	23.86	252	1829675	50.813	ng		99
90) Benzo(a)pyrene	24.63	252	1752450	48.939	ng		99
91) Dibenzo(a,h)anthracene	28.43	278	1773411	50.102	ng		99
92) Benzo(g,h,i)perylene	29.47	276	1776863	49.883	ng		97

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

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