Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
Data File : BG041113.D
Acq On : 8 Jun 2019 00:57
Operator : HP/JU
Sample : PB120393BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120393BS

Manual Integrations APPROVED
mohammad
6/11/2019 8:54:31 AM

Quant Time: Jun 08 18:07:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 08 17:33:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	38455	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	163889	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	124404	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	310071	20.00	ng		0.00
76) Chrysene-d12	21.76	240	311372	20.00	ng		0.00
87) Perylene-d12	25.09	264	331456	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	308008	144.43	ng		0.00
7) Phenol-d6	7.25	99	439980	133.59	ng		0.00
23) Nitrobenzene-d5	9.29	82	298168	80.77	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	235718	127.63	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	725316	83.96	ng		0.00
79) Terphenyl-d14	20.07	244	1274617	86.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	37901	39.165	ng		92
3) Pyridine	3.90	79	111637	38.987	ng		99
4) n-Nitrosodimethylamine	3.83	42	60147	45.259	ng	#	92
6) Aniline	7.43	93	136623	31.078	ng		99
8) 2-Chlorophenol	7.66	128	125998	49.558	ng		98
9) Benzaldehyde	7.24	77	40293	20.508	ng		95
10) Phenol	7.28	94	174157	49.317	ng		96
11) bis(2-Chloroethyl)ether	7.52	93	112610	43.957	ng		98
12) 1,3-Dichlorobenzene	7.99	146	131680	43.364	ng		97
13) 1,4-Dichlorobenzene	8.14	146	133485	43.428	ng		97
14) 1,2-Dichlorobenzene	8.46	146	127711	42.793	ng		99
15) Benzyl Alcohol	8.35	79	144084	47.292	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	177906	42.499	ng		95
17) 2-Methylphenol	8.54	107	123601	48.341	ng		98
18) Hexachloroethane	9.19	117	50546	42.667	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	110853	43.736	ng		98
20) 3+4-Methylphenols	8.87	107	170064	48.017	ng		94
22) Acetophenone	8.93	105	211855	46.082	ng		98
24) Nitrobenzene	9.33	77	173442	46.101	ng		98
25) Isophorone	9.84	82	317300	45.163	ng		99
26) 2-Nitrophenol	10.04	139	78275	50.469	ng		94
27) 2,4-Dimethylphenol	10.08	122	135198	52.781	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	166347	43.869	ng		99
29) 2,4-Dichlorophenol	10.57	162	155013	47.655	ng		95
30) 1,2,4-Trichlorobenzene	10.78	180	158299	42.779	ng		98
31) Naphthalene	10.98	128	396249	45.032	ng		99
32) Benzoic acid	10.22	122	86185	44.072	ng	#	90
33) 4-Chloroaniline	11.09	127	87973	21.547	ng		99
34) Hexachlorobutadiene	11.24	225	116424	41.120	ng		98
35) Caprolactam	11.88	113	49306m	45.902	ng		
36) 4-Chloro-3-methylphenol	12.19	107	178356	48.011	ng		98
37) 2-Methylnaphthalene	12.58	142	309920	45.730	ng		97
38) 1-Methylnaphthalene	12.79	142	295584	46.284	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	227462	45.364	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	296557	106.935	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	151101	46.583	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	157513	46.044	ng		97
46) 1,1'-Biphenyl	13.58	154	430458	46.745	ng		99
47) 2-Chloronaphthalene	13.62	162	351291	44.436	ng		98
48) 2-Nitroaniline	13.83	65	127766	45.050	ng		97
49) Acenaphthylene	14.46	152	553834	46.548	ng		97
50) Dimethylphthalate	14.19	163	466773	44.324	ng		99
51) 2,6-Dinitrotoluene	14.32	165	105997	46.683	ng		97
52) Acenaphthene	14.80	154	323103	44.827	ng		98
53) 3-Nitroaniline	14.65	138	69109	30.438	ng		95
54) 2,4-Dinitrophenol	14.86	184	137320	103.282	ng		99
55) Dibenzofuran	15.14	168	561834	46.324	ng		98
56) 4-Nitrophenol	14.94	139	156900	100.749	ng		98
57) 2,4-Dinitrotoluene	15.10	165	148326	46.246	ng		99
58) Fluorene	15.78	166	436130	45.154	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.36	232	163731	48.702	ng		99
60) Diethylphthalate	15.54	149	478130	44.489	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	280543	44.686	ng		96
62) 4-Nitroaniline	15.81	138	103669	43.129	ng		98
63) Azobenzene	16.06	77	441134	45.162	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	90115	53.120	ng		96
66) n-Nitrosodiphenylamine	15.98	169	402050	46.125	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	181052	43.267	ng		92
68) Hexachlorobenzene	16.78	284	189992	42.639	ng		97
69) Atrazine	16.92	200	171310	50.935	ng		98
70) Pentachlorophenol	17.12	266	225061	93.526	ng		97
71) Phenanthrene	17.52	178	756602	46.845	ng		99
72) Anthracene	17.62	178	765094	48.030	ng		100
73) Carbazole	17.89	167	658517	48.179	ng		98
74) Di-n-butylphthalate	18.42	149	775851	45.671	ng		99
75) Fluoranthene	19.53	202	959583	48.101	ng		99
77) Benzidine	19.71	184	362579	48.813	ng		99
78) Pyrene	19.89	202	963061	47.579	ng		98
80) Butylbenzylphthalate	20.76	149	365079	46.347	ng		98
81) Benzo(a)anthracene	21.74	228	935672	45.143	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	215433	29.551	ng		98
83) Chrysene	21.81	228	923406	46.555	ng		100
84) Bis(2-ethylhexyl)phthalate	21.61	149	498738	44.977	ng		98
85) Di-n-octyl phthalate	22.85	149	858817	46.504	ng		100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1118339	46.028	ng	#	97
88) Benzo(b)fluoranthene	24.02	252	962891	47.896	ng		98
89) Benzo(k)fluoranthene	24.09	252	920098	46.250	ng		99
90) Benzo(a)pyrene	24.93	252	930104	48.492	ng		100
91) Dibenzo(a,h)anthracene	28.97	278	916166	47.803	ng		99
92) Benzo(g,h,i)perylene	30.11	276	926227	49.744	ng		98

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

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