Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
Data File : BG028948.D
Acq On : 27 Sep 2017 18:24
Operator : SJ/JU
Sample : PB102649BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102649BS

Manual Integrations APPROVED
Sohil
9/28/2017 2:28:56 PM

Quant Time: Sep 28 02:36:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23661	20.00	ng		-0.05
21) Naphthalene-d8	11.10	136	101846	20.00	ng		-0.05
38) Acenaphthene-d10	14.90	164	80466	20.00	ng		-0.05
63) Phenanthrene-d10	17.65	188	240587	20.00	ng		-0.05
75) Chrysene-d12	21.97	240	273144	20.00	ng		-0.07
86) Perylene-d12	25.42	264	283018	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	184524	128.68	ng		-0.06
7) Phenol-d6	7.44	99	258190	119.59	ng		-0.05
23) Nitrobenzene-d5	9.45	82	166870	78.38	ng		-0.06
41) 2,4,6-Tribromophenol	16.39	330	181799	136.60	ng		-0.05
44) 2-Fluorobiphenyl	13.52	172	447662	74.18	ng		-0.05
78) Terphenyl-d14	20.23	244	1002536	78.27	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	17852	30.743	ng		92
3) Pyridine	4.16	79	52407	31.638	ng		95
4) n-Nitrosodimethylamine	4.08	42	30502	40.480	ng	#	62
6) Aniline	7.60	93	82642	32.890	ng		95
8) 2-Chlorophenol	7.84	128	64339	40.249	ng		95
9) Benzaldehyde	7.42	77	16292	12.163	ng		98
10) Phenol	7.46	94	92485	40.590	ng		90
11) bis(2-Chloroethyl)ether	7.68	93	58878	35.992	ng		95
12) 1,3-Dichlorobenzene	8.16	146	65565	38.090	ng		97
13) 1,4-Dichlorobenzene	8.31	146	68225	38.546	ng		94
14) 1,2-Dichlorobenzene	8.63	146	64384	36.819	ng		98
15) Benzyl Alcohol	8.52	79	62779	37.249	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.80	45	112043	37.686	ng		95
17) 2-Methylphenol	8.72	107	61291	41.165	ng	#	88
18) Hexachloroethane	9.36	117	24927	38.425	ng		87
19) n-Nitroso-di-n-propylamine	9.08	70	57462	37.545	ng	#	88
20) 3+4-Methylphenols	9.05	107	86047	41.318	ng		94
22) Acetophenone	9.10	105	105993	35.593	ng	#	90
24) Nitrobenzene	9.49	77	85870	36.424	ng		96
25) Isophorone	10.01	82	160407	37.236	ng		98
26) 2-Nitrophenol	10.20	139	35860	35.740	ng	#	89
27) 2,4-Dimethylphenol	10.25	122	69183	37.722	ng		87
28) bis(2-Chloroethoxy)methane	10.48	93	87556	37.427	ng		99
29) 2,4-Dichlorophenol	10.75	162	71811	39.353	ng		95
30) 1,2,4-Trichlorobenzene	10.96	180	75941	36.480	ng		97
31) Naphthalene	11.15	128	205245	38.585	ng		99
32) Benzoic acid	10.39	122	30655	26.637	ng	#	78
33) 4-Chloroaniline	11.27	127	47936	21.512	ng	#	92
34) Hexachlorobutadiene	11.42	225	54712	35.683	ng		97
35) Caprolactam	12.03	113	31477m	48.102	ng		
36) 4-Chloro-3-methylphenol	12.37	107	98378	41.425	ng		93
37) 2-Methylnaphthalene	12.74	142	163085	41.065	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	104781	31.670	ng		98
40) Hexachlorocyclopentadiene	13.07	237	87876	69.476	ng		96

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Quant Time: Sep 28 02:36:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.34	196	73504	35.004	ng		96
43) 2,4,5-Trichlorophenol	13.42	196	83060	39.364	ng		93
45) 1,1'-Biphenyl	13.73	154	230939	34.664	ng		98
46) 2-Chloronaphthalene	13.78	162	177885	36.607	ng		98
47) 2-Nitroaniline	13.98	65	78699	43.577	ng		96
48) Acenaphthylene	14.62	152	296282	38.164	ng		95
49) Dimethylphthalate	14.34	163	272846	40.437	ng		99
50) 2,6-Dinitrotoluene	14.47	165	62365	41.538	ng		85
51) Acenaphthene	14.96	154	179020	37.960	ng		91
52) 3-Nitroaniline	14.80	138	45686	34.409	ng		98
53) 2,4-Dinitrophenol	15.02	184	59368	75.538	ng		94
54) Dibenzofuran	15.29	168	326279	43.384	ng		94
55) 4-Nitrophenol	15.12	139	85209	87.595	ng	#	81
56) 2,4-Dinitrotoluene	15.26	165	95872	45.413	ng	#	86
57) Fluorene	15.94	166	277489	41.329	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.53	232	88061	47.353	ng	#	91
59) Diethylphthalate	15.69	149	294015	42.401	ng		99
60) 4-Chlorophenyl-phenylether	15.93	204	152716	39.944	ng		91
61) 4-Nitroaniline	15.97	138	65925	46.868	ng	#	84
62) Azobenzene	16.22	77	267837	45.927	ng		92
64) 4,6-Dinitro-2-methylphenol	16.03	198	57103	36.783	ng		99
65) n-Nitrosodiphenylamine	16.14	169	254347	36.879	ng		98
66) 4-Bromophenyl-phenylether	16.82	248	113339	36.612	ng		98
67) Hexachlorobenzene	16.95	284	119620	33.951	ng	#	89
68) Atrazine	17.08	200	115894	39.136	ng		97
69) Pentachlorophenol	17.30	266	113572	71.342	ng		98
70) Phenanthrene	17.69	178	490095m	39.835	ng		
71) Anthracene	17.78	178	499733	40.209	ng		97
72) Carbazole	18.05	167	444844	39.742	ng	#	93
73) Di-n-butylphthalate	18.58	149	532931	38.830	ng	#	94
74) Fluoranthene	19.69	202	624219	41.553	ng		92
76) Benzidine	19.87	184	160870	22.711	ng	#	93
77) Pyrene	20.05	202	646326	41.023	ng		95
79) Butylbenzylphthalate	20.91	149	248579	39.067	ng		96
80) Benzo(a)anthracene	21.95	228	673064	40.937	ng		94
81) 3,3'-Dichlorobenzidine	21.85	252	189924	28.491	ng	#	96
82) Chrysene	22.02	228	623368	39.959	ng		96
83) Bis(2-ethylhexyl)phthalate	21.80	149	346723	38.329	ng		98
84) Di-n-octyl phthalate	23.09	149	600729	38.009	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.39	276	775994	38.715	ng	#	99
87) Benzo(b)fluoranthene	24.32	252	687908	40.570	ng		96
88) Benzo(k)fluoranthene	24.39	252	648742	38.303	ng		93
89) Benzo(a)pyrene	25.26	252	648918	40.319	ng		97
90) Dibenzo(a,h)anthracene	29.45	278	664696	39.613	ng		99
91) Benzo(g,h,i)perylene	30.64	276	652674	39.864	ng		99

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

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