Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025487.D
Acq On : 12 Jan 2017 18:14
Operator : UM/SJ
Sample : PB95941BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB95941BS

Manual Integrations APPROVED
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1/13/2017 3:06:48 PM

Quant Time: Jan 13 01:11:03 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	60060	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	231471	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	187770	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	442686	20.00	ng		0.00
75) Chrysene-d12	21.86	240	634948	20.00	ng		0.00
86) Perylene-d12	25.26	264	691268	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	485437	146.91	ng		0.00
7) Phenol-d6	7.36	99	694596	149.26	ng		0.00
23) Nitrobenzene-d5	9.38	82	508235	97.00	ng		0.00
41) 2,4,6-Tribromophenol	16.32	330	432078	142.93	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	1104256	95.21	ng		0.00
78) Terphenyl-d14	20.15	244	2134266	89.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	49397	35.04	ng		93
3) Pyridine	3.99	79	151973	37.19	ng		95
4) n-Nitrosodimethylamine	3.91	42	111040	45.77	ng	#	95
6) Aniline	7.53	93	111199	17.63	ng		94
8) 2-Chlorophenol	7.77	128	170161	45.65	ng		95
9) Benzaldehyde	7.35	77	16623	4.88	ng		85
10) Phenol	7.39	94	247666	48.01	ng		95
11) bis(2-Chloroethyl)ether	7.61	93	166957	42.00	ng		89
12) 1,3-Dichlorobenzene	8.08	146	192168	42.60	ng		98
13) 1,4-Dichlorobenzene	8.24	146	196303	41.99	ng		87
14) 1,2-Dichlorobenzene	8.55	146	185551	41.59	ng		96
15) Benzyl Alcohol	8.45	79	188412	42.41	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.72	45	314255	42.69	ng		98
17) 2-Methylphenol	8.65	107	161526	47.68	ng		98
18) Hexachloroethane	9.28	117	72513	40.39	ng	#	87
19) n-Nitroso-di-n-propylamine	9.01	70	170448	43.36	ng		99
20) 3+4-Methylphenols	8.98	107	220352	47.00	ng		94
22) Acetophenone	9.04	105	286498	44.55	ng	#	97
24) Nitrobenzene	9.43	77	261958	45.58	ng		97
25) Isophorone	9.94	82	446154	47.03	ng		98
26) 2-Nitrophenol	10.14	139	103904	47.27	ng		93
27) 2,4-Dimethylphenol	10.19	122	171506	47.46	ng		87
28) bis(2-Chloroethoxy)methane	10.42	93	254233	51.60	ng		95
29) 2,4-Dichlorophenol	10.69	162	198518	51.34	ng		99
30) 1,2,4-Trichlorobenzene	10.89	180	208446	44.62	ng		96
31) Naphthalene	11.08	128	517210	44.74	ng		99
32) Benzoic acid	10.34	122	119600	41.16	ng		89
33) 4-Chloroaniline	11.22	127	40022	8.23	ng	#	91
34) Hexachlorobutadiene	11.34	225	175705	46.08	ng		97
35) Caprolactam	11.97	113	73877m	50.85	ng		
36) 4-Chloro-3-methylphenol	12.31	107	232151	48.64	ng		99
37) 2-Methylnaphthalene	12.67	142	404512	47.22	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	290186	46.81	ng	#	96
40) Hexachlorocyclopentadiene	12.99	237	264667	112.96	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	187155	47.95	ng		98
43) 2,4,5-Trichlorophenol	13.36	196	186660	45.68	ng		95
45) 1,1'-Biphenyl	13.66	154	584586	46.29	ng		99
46) 2-Chloronaphthalene	13.71	162	464700	47.10	ng		97
47) 2-Nitroaniline	13.93	65	190512	45.74	ng		99
48) Acenaphthylene	14.56	152	697129	45.59	ng		99
49) Dimethylphthalate	14.27	163	648526	47.38	ng		97
50) 2,6-Dinitrotoluene	14.41	165	142504	47.65	ng		98
51) Acenaphthene	14.89	154	446741	44.66	ng		98
52) 3-Nitroaniline	14.75	138	48858	16.99	ng		100
53) 2,4-Dinitrophenol	14.97	184	175314	88.80	ng	#	86
54) Dibenzofuran	15.22	168	742658	46.97	ng		99
55) 4-Nitrophenol	15.07	139	202864	94.48	ng		90
56) 2,4-Dinitrotoluene	15.21	165	210540	48.35	ng	#	95
57) Fluorene	15.87	166	613241	46.32	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.45	232	205891	47.04	ng		94
59) Diethylphthalate	15.62	149	662798	46.17	ng		99
60) 4-Chlorophenyl-phenylether	15.85	204	349839	46.63	ng		97
61) 4-Nitroaniline	15.92	138	123524	42.70	ng		87
62) Azobenzene	16.15	77	703034	50.78	ng		98
64) 4,6-Dinitro-2-methylphenol	15.98	198	143761	46.89	ng		90
65) n-Nitrosodiphenylamine	16.08	169	563210	47.07	ng		99
66) 4-Bromophenyl-phenylether	16.74	248	266215	48.74	ng		97
67) Hexachlorobenzene	16.87	284	282602	45.09	ng		91
68) Atrazine	17.01	200	262043	49.98	ng		98
69) Pentachlorophenol	17.23	266	304704	93.78	ng		97
70) Phenanthrene	17.61	178	1055091	46.25	ng		96
71) Anthracene	17.71	178	1088540	46.96	ng		97
72) Carbazole	17.98	167	976491	47.10	ng		96
73) Di-n-butylphthalate	18.50	149	1192947	46.77	ng		97
74) Fluoranthene	19.61	202	1444207	47.93	ng		94
76) Benzidine	19.79	184	462913	29.23	ng		97
77) Pyrene	19.98	202	1446073	43.58	ng		98
79) Butylbenzylphthalate	20.82	149	619239	46.48	ng		99
80) Benzo(a)anthracene	21.84	228	1658472	46.83	ng		97
81) 3,3'-Dichlorobenzidine	21.75	252	391713	28.48	ng	#	98
82) Chrysene	21.92	228	1533902	45.16	ng		97
83) Bis(2-ethylhexyl)phthalate	21.69	149	880957	47.51	ng		99
84) Di-n-octyl phthalate	22.94	149	1521927	49.44	ng		95
85) Indeno(1,2,3-cd)pyrene	29.20	276	2125940	49.24	ng	#	97
87) Benzo(b)fluoranthene	24.17	252	1780064	47.20	ng		99
88) Benzo(k)fluoranthene	24.25	252	1646862	45.21	ng		97
89) Benzo(a)pyrene	25.10	252	1672875	45.92	ng		94
90) Dibenzo(a,h)anthracene	29.24	278	1786509	46.27	ng	#	95
91) Benzo(g,h,i)perylene	30.42	276	1750351	45.62	ng		97

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

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