Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
Data File : BG031597.D
Acq On : 15 Dec 2017 20:51
Operator : SJ/JU
Sample : PB105057BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105057BS

Manual Integrations APPROVED
Sohil
12/18/2017 2:06:07 PM

Quant Time: Dec 15 23:58:45 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	58748	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	260043	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	180780	20.00	ng		0.00
63) Phenanthrene-d10	17.46	188	475877	20.00	ng		-0.01
75) Chrysene-d12	21.74	240	536711	20.00	ng		-0.01
86) Perylene-d12	25.02	264	478872	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	308849	93.18	ng		0.00
7) Phenol-d6	7.27	99	397639	86.42	ng		0.00
23) Nitrobenzene-d5	9.27	82	334208	79.22	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	191879	90.60	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	988687	80.28	ng		0.00
78) Terphenyl-d14	20.06	244	1758953	74.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	49929	31.572	ng	#	82
3) Pyridine	3.90	79	136620	32.812	ng		91
4) n-Nitrosodimethylamine	3.82	42	66682	34.001	ng	#	88
6) Aniline	7.42	93	96790	15.973	ng		93
8) 2-Chlorophenol	7.66	128	164710	44.552	ng		91
9) Benzaldehyde	7.24	77	94268	35.346	ng		86
10) Phenol	7.29	94	213425	45.154	ng		90
11) bis(2-Chloroethyl)ether	7.51	93	142390	36.910	ng		90
12) 1,3-Dichlorobenzene	7.98	146	172421	39.218	ng		96
13) 1,4-Dichlorobenzene	8.13	146	175779	38.470	ng		95
14) 1,2-Dichlorobenzene	8.45	146	167785	38.548	ng		98
15) Benzyl Alcohol	8.34	79	138106	38.370	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.62	45	207517	47.881	ng		89
17) 2-Methylphenol	8.55	107	141071	43.784	ng		97
18) Hexachloroethane	9.18	117	60365	39.193	ng		94
19) n-Nitroso-di-n-propylamine	8.90	70	113991	31.476	ng	#	95
20) 3+4-Methylphenols	8.88	107	194301	40.481	ng		95
22) Acetophenone	8.92	105	243063	38.962	ng	#	93
24) Nitrobenzene	9.31	77	175829	40.671	ng	#	87
25) Isophorone	9.83	82	326946	41.006	ng	#	91
26) 2-Nitrophenol	10.03	139	95377	44.615	ng	#	88
27) 2,4-Dimethylphenol	10.08	122	168704	51.949	ng		94
28) bis(2-Chloroethoxy)methane	10.31	93	205815	39.983	ng		98
29) 2,4-Dichlorophenol	10.57	162	186723	48.803	ng		92
30) 1,2,4-Trichlorobenzene	10.77	180	199561	40.833	ng		94
31) Naphthalene	10.96	128	491912	38.505	ng		98
32) Benzoic acid	10.24	122	38384	26.633	ng	#	80
33) 4-Chloroaniline	11.09	127	41750	7.527	ng		94
34) Hexachlorobutadiene	11.24	225	123015	37.946	ng		94
35) Caprolactam	11.85	113	70007m	46.598	ng		
36) 4-Chloro-3-methylphenol	12.20	107	186926	42.801	ng	#	86
37) 2-Methylnaphthalene	12.56	142	392771	39.708	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	261934	37.073	ng		97
40) Hexachlorocyclopentadiene	12.90	237	149592	67.062	ng		94

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Quant Time: Dec 15 23:58:45 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	164472	45.563	ng		98
43) 2,4,5-Trichlorophenol	13.26	196	177003	45.520	ng	#	90
45) 1,1'-Biphenyl	13.56	154	560111	37.723	ng		97
46) 2-Chloronaphthalene	13.60	162	436635	40.178	ng		95
47) 2-Nitroaniline	13.81	65	121017	39.628	ng	#	76
48) Acenaphthylene	14.45	152	664631	38.008	ng		99
49) Dimethylphthalate	14.17	163	600940	40.152	ng		99
50) 2,6-Dinitrotoluene	14.30	165	136901	42.794	ng	#	77
51) Acenaphthene	14.79	154	413614	37.407	ng		99
52) 3-Nitroaniline	14.64	138	49816	15.276	ng	#	86
53) 2,4-Dinitrophenol	14.86	184	87798	67.376	ng	#	47
54) Dibenzofuran	15.12	168	692807	39.265	ng		100
55) 4-Nitrophenol	14.96	139	189721	85.829	ng	#	80
56) 2,4-Dinitrotoluene	15.10	165	197001	43.357	ng	#	72
57) Fluorene	15.77	166	555098	39.264	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	178150	48.742	ng	#	89
59) Diethylphthalate	15.53	149	593977	39.593	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	328932	38.029	ng		91
61) 4-Nitroaniline	15.80	138	141609	41.379	ng		84
62) Azobenzene	16.05	77	468866	37.728	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	95832	34.777	ng	#	74
65) n-Nitrosodiphenylamine	15.97	169	529144	37.988	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	222342	40.180	ng		97
67) Hexachlorobenzene	16.78	284	226107	39.570	ng		96
68) Atrazine	16.91	200	229896	45.139	ng		98
69) Pentachlorophenol	17.12	266	171333	63.625	ng		98
70) Phenanthrene	17.51	178	970208	39.038	ng		98
71) Anthracene	17.60	178	1007110	40.973	ng		99
72) Carbazole	17.87	167	940501	42.281	ng		99
73) Di-n-butylphthalate	18.41	149	1049833	40.869	ng		100
74) Fluoranthene	19.52	202	1293598	41.591	ng		98
76) Benzidine	19.69	184	370157	29.636	ng		98
77) Pyrene	19.87	202	1326794	39.785	ng		97
79) Butylbenzylphthalate	20.74	149	519321	44.389	ng	#	82
80) Benzo(a)anthracene	21.72	228	1328320	41.004	ng		99
81) 3,3'-Dichlorobenzidine	21.62	252	341653	30.303	ng		99
82) Chrysene	21.79	228	1243864	40.052	ng		97
83) Bis(2-ethylhexyl)phthalate	21.60	149	694480	41.260	ng		100
84) Di-n-octyl phthalate	22.81	149	1129942	40.698	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.78	276	1226437	36.952	ng	#	89
87) Benzo(b)fluoranthene	23.97	252	1189539m	41.549	ng		
88) Benzo(k)fluoranthene	24.05	252	1206681	41.301	ng		98
89) Benzo(a)pyrene	24.87	252	1161359	42.762	ng		98
90) Dibenzo(a,h)anthracene	28.83	278	1021825	39.345	ng		98
91) Benzo(g,h,i)perylene	29.96	276	1027666	40.249	ng		97

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

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