Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025485.D
Acq On : 12 Jan 2017 16:54
Operator : UM/SJ
Sample : PB95939BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB95939BS

Manual Integrations APPROVED
sohil
1/13/2017 3:06:40 PM

Quant Time: Jan 13 01:08:01 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	60354	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	255638	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	200826	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	495155	20.00	ng		0.00
75) Chrysene-d12	21.86	240	663097	20.00	ng		0.00
86) Perylene-d12	25.26	264	715927	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	476982	143.65	ng		0.00
7) Phenol-d6	7.36	99	683873	146.24	ng		0.00
23) Nitrobenzene-d5	9.38	82	507442	87.69	ng		0.00
41) 2,4,6-Tribromophenol	16.32	330	457438	141.48	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	1117145	90.06	ng		0.00
78) Terphenyl-d14	20.15	244	2225151	88.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	41430	29.24	ng		96
3) Pyridine	4.00	79	136315	33.19	ng		98
4) n-Nitrosodimethylamine	3.91	42	100298	41.14	ng	#	87
6) Aniline	7.53	93	234977	37.08	ng		96
8) 2-Chlorophenol	7.77	128	166646	44.49	ng		89
9) Benzaldehyde	7.35	77	14264	4.17	ng		98
10) Phenol	7.39	94	242286	46.74	ng		95
11) bis(2-Chloroethyl)ether	7.62	93	166974	41.80	ng		91
12) 1,3-Dichlorobenzene	8.09	146	180756	39.88	ng		95
13) 1,4-Dichlorobenzene	8.24	146	184501	39.28	ng		94
14) 1,2-Dichlorobenzene	8.56	146	178142	39.74	ng		96
15) Benzyl Alcohol	8.45	79	192872	43.20	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.73	45	311521	42.11	ng		96
17) 2-Methylphenol	8.65	107	152952	44.93	ng		89
18) Hexachloroethane	9.28	117	71768	39.78	ng		94
19) n-Nitroso-di-n-propylamine	9.01	70	171776	43.49	ng		98
20) 3+4-Methylphenols	8.98	107	217135	46.09	ng		93
22) Acetophenone	9.04	105	284924	40.11	ng	#	98
24) Nitrobenzene	9.42	77	258581	40.74	ng		97
25) Isophorone	9.94	82	470310	44.89	ng		96
26) 2-Nitrophenol	10.14	139	102436	42.20	ng	#	91
27) 2,4-Dimethylphenol	10.19	122	178981	44.85	ng		96
28) bis(2-Chloroethoxy)methane	10.42	93	242996	44.66	ng		98
29) 2,4-Dichlorophenol	10.69	162	200298	46.90	ng		100
30) 1,2,4-Trichlorobenzene	10.89	180	217958	42.25	ng		95
31) Naphthalene	11.08	128	517581	40.54	ng		97
32) Benzoic acid	10.35	122	118630	36.96	ng		95
33) 4-Chloroaniline	11.21	127	115223	21.46	ng		94
34) Hexachlorobutadiene	11.33	225	170491	40.48	ng		98
35) Caprolactam	11.97	113	76429m	47.63	ng		
36) 4-Chloro-3-methylphenol	12.31	107	236401	44.85	ng		97
37) 2-Methylnaphthalene	12.67	142	411904	43.54	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	294542	44.42	ng		97
40) Hexachlorocyclopentadiene	12.99	237	277181	110.79	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	192270	46.05	ng		95
43) 2,4,5-Trichlorophenol	13.36	196	193914	44.37	ng		94
45) 1,1'-Biphenyl	13.66	154	600125	44.43	ng		97
46) 2-Chloronaphthalene	13.71	162	469438	44.48	ng		95
47) 2-Nitroaniline	13.93	65	205765	46.19	ng		98
48) Acenaphthylene	14.55	152	705323	43.12	ng		97
49) Dimethylphthalate	14.27	163	667585	45.60	ng		98
50) 2,6-Dinitrotoluene	14.42	165	147624	46.16	ng		88
51) Acenaphthene	14.89	154	463110	43.29	ng		97
52) 3-Nitroaniline	14.75	138	101301	32.95	ng	#	90
53) 2,4-Dinitrophenol	14.97	184	182147	86.41	ng		91
54) Dibenzofuran	15.22	168	785146	46.42	ng		99
55) 4-Nitrophenol	15.07	139	211395	92.05	ng		93
56) 2,4-Dinitrotoluene	15.21	165	221523	47.57	ng	#	85
57) Fluorene	15.88	166	636364	44.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.45	232	212669	45.43	ng		96
59) Diethylphthalate	15.62	149	711392	46.34	ng		99
60) 4-Chlorophenyl-phenylether	15.85	204	362801	45.21	ng		99
61) 4-Nitroaniline	15.92	138	139096	44.96	ng	#	80
62) Azobenzene	16.15	77	733199	49.52	ng		99
64) 4,6-Dinitro-2-methylphenol	15.98	198	151504	44.18	ng		95
65) n-Nitrosodiphenylamine	16.07	169	588237	43.95	ng		98
66) 4-Bromophenyl-phenylether	16.75	248	266297	43.59	ng		97
67) Hexachlorobenzene	16.87	284	302678	43.18	ng	#	90
68) Atrazine	17.01	200	271494	46.30	ng		95
69) Pentachlorophenol	17.23	266	316028	86.96	ng		99
70) Phenanthrene	17.62	178	1110974	43.54	ng		97
71) Anthracene	17.71	178	1150277	44.37	ng		99
72) Carbazole	17.99	167	1017011	43.85	ng		96
73) Di-n-butylphthalate	18.50	149	1246169	43.68	ng		96
74) Fluoranthene	19.61	202	1484017	44.03	ng		93
76) Benzidine	19.79	184	765357	46.27	ng		97
77) Pyrene	19.98	202	1511260	43.61	ng		98
79) Butylbenzylphthalate	20.82	149	629510	45.24	ng		95
80) Benzo(a)anthracene	21.85	228	1668507	45.11	ng		97
81) 3,3'-Dichlorobenzidine	21.75	252	491673	34.23	ng		97
82) Chrysene	21.92	228	1545289	43.57	ng		98
83) Bis(2-ethylhexyl)phthalate	21.69	149	887639	45.84	ng		100
84) Di-n-octyl phthalate	22.94	149	1543305	48.00	ng		96
85) Indeno(1,2,3-cd)pyrene	29.18	276	2170436	48.14	ng		99
87) Benzo(b)fluoranthene	24.18	252	1738233	44.50	ng		97
88) Benzo(k)fluoranthene	24.24	252	1702444	45.13	ng		97
89) Benzo(a)pyrene	25.10	252	1704401	45.18	ng		98
90) Dibenzo(a,h)anthracene	29.24	278	1813749	45.36	ng		98
91) Benzo(g,h,i)perylene	30.42	276	1801200	45.33	ng		99

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

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