Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023045.D
Acq On : 12 Jul 2016 20:45
Operator : UM/SJ
Sample : PB92070BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Manual Integrations APPROVED
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7/13/2016 6:28:36 PM

Quant Time: Jul 13 01:44:13 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	100002	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	471130	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	365714	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	891683	20.00	ng		0.00
75) Chrysene-d12	21.87	240	930999	20.00	ng		0.02
86) Perylene-d12	25.25	264	946375	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	848104	138.71	ng		0.00
7) Phenol-d6	7.31	99	1301396	135.89	ng		0.00
23) Nitrobenzene-d5	9.33	82	908334	82.56	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	733120	111.54	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1888708	81.35	ng		0.00
78) Terphenyl-d14	20.16	244	2779291	102.32	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.97	79	254946	31.35	ng	#	92
4) n-Nitrosodimethylamine	3.88	42	139256	39.91	ng	#	97
6) Aniline	7.47	93	273391	20.60	ng		99
8) 2-Chlorophenol	7.72	128	306214	47.06	ng		98
9) Benzaldehyde	7.28	77	141357	22.09	ng		93
10) Phenol	7.34	94	467473	47.44	ng		92
11) bis(2-Chloroethyl)ether	7.56	93	314657	40.29	ng		96
12) 1,3-Dichlorobenzene	8.04	146	306707	38.51	ng		97
13) 1,4-Dichlorobenzene	8.19	146	319820	40.11	ng		93
14) 1,2-Dichlorobenzene	8.51	146	304134	38.37	ng		94
15) Benzyl Alcohol	8.39	79	395287	45.07	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	380099	39.84	ng		93
17) 2-Methylphenol	8.60	107	298955	46.61	ng		95
18) Hexachloroethane	9.25	117	131557	39.08	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	330922	38.33	ng		95
20) 3+4-Methylphenols	8.93	107	411676	46.02	ng		98
22) Acetophenone	8.98	105	526848	37.26	ng	#	92
24) Nitrobenzene	9.37	77	474476	40.58	ng		92
25) Isophorone	9.89	82	835964	37.78	ng		97
26) 2-Nitrophenol	10.09	139	188746	41.14	ng		88
27) 2,4-Dimethylphenol	10.14	122	328361	41.41	ng		91
28) bis(2-Chloroethoxy)methane	10.37	93	480385	38.92	ng		97
29) 2,4-Dichlorophenol	10.63	162	373740	44.19	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	377849	38.99	ng		98
31) Naphthalene	11.03	128	953544	39.76	ng		99
32) Benzoic acid	10.27	122	235929	32.70	ng		93
33) 4-Chloroaniline	11.14	127	115567	9.85	ng	#	89
34) Hexachlorobutadiene	11.31	225	289287	36.82	ng		95
35) Caprolactam	11.92	113	131839m	37.89	ng		
36) 4-Chloro-3-methylphenol	12.26	107	475452	41.10	ng		97
37) 2-Methylnaphthalene	12.63	142	762292	40.21	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	509089	32.30	ng		99
40) Hexachlorocyclopentadiene	12.97	237	637298	70.24	ng		100
42) 2,4,6-Trichlorophenol	13.23	196	370583	40.91	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	391891	42.13	ng		96
45) 1,1'-Biphenyl	13.63	154	1070073	39.00	ng		96
46) 2-Chloronaphthalene	13.68	162	891196	40.04	ng		99
47) 2-Nitroaniline	13.88	65	393252	41.40	ng		97
48) Acenaphthylene	14.53	152	1350329	40.44	ng		99
49) Dimethylphthalate	14.25	163	1193074	39.94	ng		98
50) 2,6-Dinitrotoluene	14.37	165	282766	42.12	ng		83
51) Acenaphthene	14.87	154	889317	40.76	ng		97
52) 3-Nitroaniline	14.71	138	166552	24.88	ng		98
53) 2,4-Dinitrophenol	14.91	184	344531	74.79	ng		95
54) Dibenzofuran	15.20	168	1437474	44.01	ng		99
55) 4-Nitrophenol	15.02	139	441967	78.76	ng		95
56) 2,4-Dinitrotoluene	15.16	165	411885	42.08	ng	#	95
57) Fluorene	15.85	166	1176470	41.85	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	404667	43.48	ng		99
59) Diethylphthalate	15.61	149	1263360	41.56	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	689320	40.26	ng		96
61) 4-Nitroaniline	15.88	138	275505	38.03	ng	#	88
62) Azobenzene	16.13	77	1379004	47.43	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	265180	40.01	ng		99
65) n-Nitrosodiphenylamine	16.05	169	1088415	42.37	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	466359	40.20	ng		96
67) Hexachlorobenzene	16.86	284	488062	38.69	ng		98
68) Atrazine	17.00	200	472897	41.50	ng		96
69) Pentachlorophenol	17.21	266	638834	78.21	ng		96
70) Phenanthrene	17.60	178	1889250	43.23	ng		97
71) Anthracene	17.69	178	1911178	43.19	ng		100
72) Carbazole	17.96	167	1669277	43.66	ng		98
73) Di-n-butylphthalate	18.50	149	1981242	46.59	ng		99
74) Fluoranthene	19.61	202	2177260	40.60	ng		97
76) Benzidine	19.79	184	608388	22.79	ng		100
77) Pyrene	19.97	202	2181042	41.69	ng		97
79) Butylbenzylphthalate	20.84	149	953655	46.02	ng		99
80) Benzo(a)anthracene	21.85	228	2249555	43.19	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	610353	26.70	ng		100
82) Chrysene	21.92	228	2104296	43.07	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1322894	45.97	ng		98
84) Di-n-octyl phthalate	22.99	149	2186544	45.57	ng		100
85) Indeno(1,2,3-cd)pyrene	29.13	276	2571171	41.27	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	2383169	43.65	ng		98
88) Benzo(k)fluoranthene	24.25	252	2234501	43.12	ng	#	98
89) Benzo(a)pyrene	25.09	252	2283271	43.62	ng	#	99
90) Dibenzo(a,h)anthracene	29.20	278	2157171	41.53	ng	#	96
91) Benzo(g,h,i)perylene	30.34	276	2081751	40.02	ng	#	97

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

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