Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017937.D
Acq On : 17 Jul 2015 22:08
Operator : TP/UM
Sample : G2967-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-I1-I2-I3-I4MS

Manual Integrations APPROVED
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7/20/2015 3:26:32 PM

Quant Time: Jul 18 03:48:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	103019	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	459345	20.00	ng		0.00
38) Acenaphthene-d10	14.25	164	283754	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	613958	20.00	ng		0.00
75) Chrysene-d12	21.20	240	639995	20.00	ng		0.00
86) Perylene-d12	23.42	264	615426	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	833317	141.11	ng		0.00
7) Phenol-d6	6.77	99	1099060	142.06	ng		0.00
23) Nitrobenzene-d5	8.74	82	642482	90.59	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	413411	143.80	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	1408738	86.03	ng		0.00
78) Terphenyl-d14	19.65	244	1929146	75.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	90342	34.80	ng	#	91
3) Pyridine	3.52	79	220352	31.77	ng	#	89
4) n-Nitrosodimethylamine	3.45	42	103847	39.44	ng	#	69
6) Aniline	6.92	93	330067	31.99	ng		93
8) 2-Chlorophenol	7.15	128	316470	45.46	ng		97
9) Benzaldehyde	6.73	77	122812	25.91	ng		97
10) Phenol	6.80	94	383207	46.41	ng		95
11) bis(2-Chloroethyl)ether	7.02	93	280689	43.45	ng		92
12) 1,3-Dichlorobenzene	7.47	146	303352	39.68	ng		97
13) 1,4-Dichlorobenzene	7.62	146	308815	39.41	ng		98
14) 1,2-Dichlorobenzene	7.94	146	300623	40.15	ng		98
15) Benzyl Alcohol	7.83	79	252702	44.16	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.12	45	320172	41.15	ng		94
17) 2-Methylphenol	8.03	107	264578	45.96	ng		96
18) Hexachloroethane	8.65	117	116872	39.49	ng		95
19) n-Nitroso-di-n-propylamine	8.39	70	225274	39.88	ng		88
20) 3+4-Methylphenols	8.36	107	351473	45.10	ng		99
22) Acetophenone	8.41	105	408641	41.19	ng	#	93
24) Nitrobenzene	8.78	77	323729	42.84	ng		92
25) Isophorone	9.30	82	622272	41.84	ng		98
26) 2-Nitrophenol	9.49	139	162470	45.06	ng	#	86
27) 2,4-Dimethylphenol	9.56	122	290585	44.31	ng		97
28) bis(2-Chloroethoxy)methane	9.79	93	358267	43.22	ng		98
29) 2,4-Dichlorophenol	10.02	162	293194	50.18	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	282922	40.75	ng		97
31) Naphthalene	10.41	128	930154	41.37	ng		98
32) Benzoic acid	9.70	122	94249	41.03	ng		92
33) 4-Chloroaniline	10.53	127	163679	16.33	ng	#	94
34) Hexachlorobutadiene	10.70	225	157683	40.31	ng		97
35) Caprolactam	11.30	113	138837m	46.76	ng		
36) 4-Chloro-3-methylphenol	11.67	107	323324	48.75	ng		97
37) 2-Methylnaphthalene	12.04	142	689308	42.72	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	310962	40.88	ng		98
40) Hexachlorocyclopentadiene	12.39	237	370298	89.28	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.67	196	217761	44.03	ng		100
43) 2,4,5-Trichlorophenol	12.73	196	248762	48.36	ng		95
45) 1,1'-Biphenyl	13.07	154	840231	42.29	ng		99
46) 2-Chloronaphthalene	13.11	162	676611	42.03	ng		98
47) 2-Nitroaniline	13.32	65	192615	44.56	ng		87
48) Acenaphthylene	13.96	152	1127931	42.01	ng		98
49) Dimethylphthalate	13.71	163	1127803	57.22	ng		98
50) 2,6-Dinitrotoluene	13.83	165	203134	45.48	ng		90
51) Acenaphthene	14.31	154	678769	41.75	ng		100
52) 3-Nitroaniline	14.16	138	147868	29.45	ng		92
53) 2,4-Dinitrophenol	14.37	184	190010	76.95	ng		90
54) Dibenzofuran	14.65	168	1025548	43.71	ng		100
55) 4-Nitrophenol	14.48	139	383592	96.57	ng	#	85
56) 2,4-Dinitrotoluene	14.62	165	278213	46.44	ng		95
57) Fluorene	15.30	166	874631	43.37	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.87	232	212158	47.85	ng		96
59) Diethylphthalate	15.09	149	904124	44.28	ng		99
60) 4-Chlorophenyl-phenylether	15.30	204	434143	43.91	ng		97
61) 4-Nitroaniline	15.33	138	249339	42.39	ng		90
62) Azobenzene	15.59	77	837634	44.40	ng		92
64) 4,6-Dinitro-2-methylphenol	15.39	198	143359	45.17	ng		89
65) n-Nitrosodiphenylamine	15.51	169	775740	42.02	ng		100
66) 4-Bromophenyl-phenylether	16.20	248	260997	42.43	ng		96
67) Hexachlorobenzene	16.30	284	288676	42.27	ng		94
68) Atrazine	16.47	200	280474	46.25	ng		97
69) Pentachlorophenol	16.65	266	340409	76.93	ng		99
70) Phenanthrene	17.04	178	1296512	40.94	ng		98
71) Anthracene	17.13	178	1314155	42.65	ng		97
72) Carbazole	17.41	167	1249941	42.94	ng		99
73) Di-n-butylphthalate	17.98	149	1550650	43.45	ng		99
74) Fluoranthene	19.06	202	1440587	41.55	ng		98
76) Benzidine	19.26	184	336318	18.50	ng		96
77) Pyrene	19.43	202	1476674	41.37	ng		99
79) Butylbenzylphthalate	20.35	149	736484	46.07	ng		92
80) Benzo(a)anthracene	21.18	228	1402493	41.49	ng		97
81) 3,3'-Dichlorobenzidine	21.13	252	296675	24.20	ng		99
82) Chrysene	21.24	228	1313453	40.80	ng		100
83) Bis(2-ethylhexyl)phthalate	21.13	149	1002392	45.54	ng		98
84) Di-n-octyl phthalate	22.00	149	1641688	47.35	ng	#	92
85) Indeno(1,2,3-cd)pyrene	25.67	276	1620501	41.62	ng		100
87) Benzo(b)fluoranthene	22.75	252	1406240	41.76	ng		97
88) Benzo(k)fluoranthene	22.79	252	1418291	42.18	ng		98
89) Benzo(a)pyrene	23.32	252	1366687	43.56	ng		99
90) Dibenzo(a,h)anthracene	25.69	278	1377018	42.33	ng		99
91) Benzo(g,h,i)perylene	26.36	276	1338491	42.67	ng		97

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

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