Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017938.D
Acq On : 17 Jul 2015 22:43
Operator : TP/UM
Sample : G2967-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-I1-I2-I3-I4MSD

Manual Integrations APPROVED
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7/20/2015 3:26:37 PM

Quant Time: Jul 18 03:52:02 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	7.59	152	99590	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	445238	20.00	ng		0.00
38) Acenaphthene-d10	14.24	164	281158	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	600165	20.00	ng		0.00
75) Chrysene-d12	21.20	240	625688	20.00	ng		0.00
86) Perylene-d12	23.41	264	591875	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	751495	131.64	ng		0.00
7) Phenol-d6	6.77	99	981032	131.17	ng		0.00
23) Nitrobenzene-d5	8.74	82	575977	83.79	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	365141	128.18	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	1220422	75.22	ng		0.00
78) Terphenyl-d14	19.64	244	1675447	67.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	84459	33.66	ng		93
3) Pyridine	3.53	79	208135	31.04	ng		92
4) n-Nitrosodimethylamine	3.45	42	96102	37.75	ng	#	63
6) Aniline	6.92	93	283182	28.39	ng		94
8) 2-Chlorophenol	7.15	128	295937	43.97	ng		100
9) Benzaldehyde	6.73	77	112212	24.49	ng		97
10) Phenol	6.80	94	362867	45.46	ng		92
11) bis(2-Chloroethyl)ether	7.02	93	252651	40.46	ng		96
12) 1,3-Dichlorobenzene	7.47	146	277551	37.56	ng		96
13) 1,4-Dichlorobenzene	7.62	146	291127	38.43	ng		99
14) 1,2-Dichlorobenzene	7.93	146	274632	37.94	ng		98
15) Benzyl Alcohol	7.83	79	238498	43.11	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.13	45	303518	40.35	ng		94
17) 2-Methylphenol	8.03	107	244198	43.88	ng		97
18) Hexachloroethane	8.65	117	105045	36.71	ng		97
19) n-Nitroso-di-n-propylamine	8.39	70	208409	38.16	ng		90
20) 3+4-Methylphenols	8.36	107	333528	44.28	ng		99
22) Acetophenone	8.40	105	380413	39.56	ng	#	93
24) Nitrobenzene	8.78	77	298051	40.69	ng	#	88
25) Isophorone	9.30	82	585164	40.59	ng		98
26) 2-Nitrophenol	9.49	139	152059	43.51	ng	#	86
27) 2,4-Dimethylphenol	9.55	122	267518	42.08	ng		98
28) bis(2-Chloroethoxy)methane	9.79	93	333401	41.50	ng		99
29) 2,4-Dichlorophenol	10.02	162	269221	47.54	ng		96
30) 1,2,4-Trichlorobenzene	10.23	180	263015	39.08	ng		99
31) Naphthalene	10.42	128	861689	39.54	ng		99
32) Benzoic acid	9.69	122	69363	34.94	ng		89
33) 4-Chloroaniline	10.53	127	150647	15.51	ng		96
34) Hexachlorobutadiene	10.71	225	146275	38.58	ng		94
35) Caprolactam	11.30	113	128056m	44.49	ng		
36) 4-Chloro-3-methylphenol	11.67	107	297853	46.33	ng		95
37) 2-Methylnaphthalene	12.04	142	642831	41.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.41	216	285802	37.92	ng		99
40) Hexachlorocyclopentadiene	12.40	237	340411	82.83	ng		100

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Quant Time: Jul 18 03:52:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	203573	41.54	ng		98
43) 2,4,5-Trichlorophenol	12.73	196	227685	44.68	ng		96
45) 1,1'-Biphenyl	13.07	154	779624	39.61	ng		99
46) 2-Chloronaphthalene	13.11	162	626718	39.29	ng		97
47) 2-Nitroaniline	13.32	65	180797	42.21	ng		93
48) Acenaphthylene	13.96	152	1036671	38.97	ng		98
49) Dimethylphthalate	13.71	163	1033355	52.91	ng		99
50) 2,6-Dinitrotoluene	13.83	165	187786	42.43	ng	#	87
51) Acenaphthene	14.31	154	637955	39.60	ng		98
52) 3-Nitroaniline	14.15	138	127630	25.65	ng		95
53) 2,4-Dinitrophenol	14.37	184	176997	74.27	ng		97
54) Dibenzofuran	14.65	168	952354	40.97	ng		97
55) 4-Nitrophenol	14.48	139	360134	91.50	ng		85
56) 2,4-Dinitrotoluene	14.62	165	258971	43.63	ng		95
57) Fluorene	15.30	166	818276	40.95	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.88	232	195872	44.58	ng		97
59) Diethylphthalate	15.09	149	839028	41.48	ng		99
60) 4-Chlorophenyl-phenylether	15.30	204	402273	41.06	ng		94
61) 4-Nitroaniline	15.33	138	230362	39.52	ng		91
62) Azobenzene	15.59	77	777001	41.57	ng		91
64) 4,6-Dinitro-2-methylphenol	15.38	198	136441	44.33	ng		86
65) n-Nitrosodiphenylamine	15.52	169	716990	39.73	ng		99
66) 4-Bromophenyl-phenylether	16.19	248	242429	40.31	ng		96
67) Hexachlorobenzene	16.30	284	268311	40.20	ng		90
68) Atrazine	16.47	200	258465	43.60	ng		99
69) Pentachlorophenol	16.65	266	310533	73.46	ng		98
70) Phenanthrene	17.04	178	1212316	39.16	ng		99
71) Anthracene	17.13	178	1221739	40.56	ng		98
72) Carbazole	17.40	167	1164650	40.93	ng		98
73) Di-n-butylphthalate	17.98	149	1435259	41.14	ng		99
74) Fluoranthene	19.07	202	1345885	39.71	ng		99
76) Benzidine	19.26	184	313246	17.63	ng		98
77) Pyrene	19.43	202	1376825	39.46	ng		99
79) Butylbenzylphthalate	20.35	149	679698	43.49	ng		93
80) Benzo(a)anthracene	21.18	228	1300754	39.36	ng		99
81) 3,3'-Dichlorobenzidine	21.12	252	267301	22.31	ng		98
82) Chrysene	21.23	228	1217301	38.68	ng		99
83) Bis(2-ethylhexyl)phthalate	21.13	149	938671	43.62	ng		98
84) Di-n-octyl phthalate	22.00	149	1521379	44.88	ng	#	92
85) Indeno(1,2,3-cd)pyrene	25.66	276	1497802	39.35	ng		99
87) Benzo(b)fluoranthene	22.75	252	1298140	40.09	ng		99
88) Benzo(k)fluoranthene	22.79	252	1322101	40.88	ng		99
89) Benzo(a)pyrene	23.32	252	1270389	42.11	ng		99
90) Dibenzo(a,h)anthracene	25.68	278	1276129	40.79	ng		99
91) Benzo(g,h,i)perylene	26.35	276	1231338	40.82	ng		98

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

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