Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020046.D
Acq On : 9 Dec 2015 16:41
Operator : UM/SJ
Sample : G4556-10MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ELP-1MS

Quant Time: Dec 10 00:48:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20551	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	84862	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	57211	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	140314	20.00	ng		-0.03
75) Chrysene-d12	21.76	240	174323	20.00	ng		-0.04
86) Perylene-d12	25.04	264	164016	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	150857	132.67	ng		-0.01
7) Phenol-d6	7.26	99	209948	122.29	ng		-0.01
23) Nitrobenzene-d5	9.28	82	162175	97.53	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	116979	133.63	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	379922	90.67	ng		-0.02
78) Terphenyl-d14	20.08	244	537708	75.24	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	15005	33.87	ng	#	100
3) Pyridine	3.94	79	44922	33.39	ng		96
4) n-Nitrosodimethylamine	3.84	42	26329	37.21	ng		85
6) Aniline	7.43	93	46242	20.80	ng	#	81
8) 2-Chlorophenol	7.67	128	59225	42.71	ng		94
9) Benzaldehyde	7.24	77	26001	22.71	ng		89
10) Phenol	7.29	94	76388	42.28	ng		79
11) bis(2-Chloroethyl)ether	7.53	93	58485	43.71	ng		88
12) 1,3-Dichlorobenzene	8.00	146	63023	40.10	ng		90
13) 1,4-Dichlorobenzene	8.15	146	65389	40.29	ng		95
14) 1,2-Dichlorobenzene	8.47	146	62456	40.34	ng	#	92
15) Benzyl Alcohol	8.35	79	64642	42.91	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.64	45	85882	39.35	ng		95
17) 2-Methylphenol	8.55	107	55751	43.71	ng	#	92
18) Hexachloroethane	9.20	117	23922	39.36	ng		95
19) n-Nitroso-di-n-propylamine	8.92	70	53705	39.67	ng		94
20) 3+4-Methylphenols	8.88	107	76190	42.42	ng		93
22) Acetophenone	8.94	105	98875	42.50	ng	#	93
24) Nitrobenzene	9.32	77	81881	45.40	ng		92
25) Isophorone	9.84	82	149552	41.95	ng		97
26) 2-Nitrophenol	10.04	139	33626	48.27	ng	#	80
27) 2,4-Dimethylphenol	10.09	122	62887	43.35	ng		94
28) bis(2-Chloroethoxy)methane	10.32	93	82678	47.46	ng		100
29) 2,4-Dichlorophenol	10.57	162	69114	46.64	ng		94
30) 1,2,4-Trichlorobenzene	10.79	180	72205	43.11	ng		96
31) Naphthalene	10.98	128	206086	45.33	ng		99
32) Benzoic acid	10.22	122	40004	41.80	ng		88
33) 4-Chloroaniline	11.08	127	16497	8.23	ng	#	92
34) Hexachlorobutadiene	11.26	225	50012	40.48	ng		96
35) Caprolactam	11.86	113	20287	36.77	ng	#	76
36) 4-Chloro-3-methylphenol	12.19	107	77149	41.80	ng		93
37) 2-Methylnaphthalene	12.57	142	152284	45.71	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	99317	45.75	ng		100
40) Hexachlorocyclopentadiene	12.92	237	93581	75.59	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	63833	44.41 ng		98
43) 2,4,5-Trichlorophenol	13.25	196	72059	47.43 ng		97
45) 1,1'-Biphenyl	13.57	154	205272	43.72 ng		99
46) 2-Chloronaphthalene	13.62	162	163411	45.15 ng		96
47) 2-Nitroaniline	13.82	65	58845	51.48 ng		91
48) Acenaphthylene	14.47	152	274028	44.45 ng		100
49) Dimethylphthalate	14.19	163	236589	45.97 ng		98
50) 2,6-Dinitrotoluene	14.31	165	48285	49.90 ng	#	82
51) Acenaphthene	14.81	154	161417	43.15 ng		98
52) 3-Nitroaniline	14.64	138	31729	31.56 ng		92
53) 2,4-Dinitrophenol	14.84	184	38960	76.17 ng		90
54) Dibenzofuran	15.14	168	271025	48.71 ng		92
55) 4-Nitrophenol	14.94	139	70923	81.01 ng	#	69
56) 2,4-Dinitrotoluene	15.09	165	69189	51.25 ng	#	92
57) Fluorene	15.78	166	215540	43.27 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	66260	47.13 ng		97
59) Diethylphthalate	15.55	149	226366	40.64 ng		96
60) 4-Chlorophenyl-phenylether	15.78	204	120364	42.09 ng		96
61) 4-Nitroaniline	15.80	138	49323	43.63 ng	#	76
62) Azobenzene	16.06	77	209027	45.10 ng		94
64) 4,6-Dinitro-2-methylphenol	15.85	198	32864	42.49 ng		91
65) n-Nitrosodiphenylamine	15.99	169	194163	47.82 ng		97
66) 4-Bromophenyl-phenylether	16.67	248	80746	46.31 ng		97
67) Hexachlorobenzene	16.79	284	86976	47.89 ng		95
68) Atrazine	16.93	200	70143	39.76 ng		96
69) Pentachlorophenol	17.13	266	100341	94.66 ng		92
70) Phenanthrene	17.53	178	365172	46.00 ng		97
71) Anthracene	17.62	178	372840	46.11 ng		97
72) Carbazole	17.88	167	325319	45.67 ng		97
73) Di-n-butylphthalate	18.43	149	379939	43.51 ng		98
74) Fluoranthene	19.52	202	463171	45.61 ng		93
76) Benzidine	19.71	184	165898	28.97 ng		97
77) Pyrene	19.89	202	471267	45.95 ng		95
79) Butylbenzylphthalate	20.76	149	183329	45.61 ng		99
80) Benzo(a)anthracene	21.73	228	488299	45.76 ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	115282	28.37 ng		99
82) Chrysene	21.80	228	438662	43.30 ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	277627	47.06 ng	#	96
84) Di-n-octyl phthalate	22.86	149	456197	47.56 ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.78	276	537265	48.14 ng	#	100
87) Benzo(b)fluoranthene	23.99	252	477417	45.93 ng	#	94
88) Benzo(k)fluoranthene	24.06	252	457210	44.41 ng	#	94
89) Benzo(a)pyrene	24.88	252	457279	46.33 ng	#	94
90) Dibenzo(a,h)anthracene	28.84	278	447447	45.89 ng	#	93
91) Benzo(g,h,i)perylene	29.96	276	440467	46.01 ng	#	90

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

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