Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090616\
Data File : BG023950.D
Acq On : 6 Sep 2016 16:54
Operator : UM/SJ
Sample : PB93238BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93238BSD

Quant Time: Sep 06 18:37:43 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 20:05:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	47718	20.00	ng		-0.02
21) Naphthalene-d8	10.90	136	202651	20.00	ng		-0.03
38) Acenaphthene-d10	14.74	164	149350	20.00	ng		-0.02
63) Phenanthrene-d10	17.51	188	389326	20.00	ng		-0.02
75) Chrysene-d12	21.82	240	418397	20.00	ng		-0.03
86) Perylene-d12	25.17	264	411257	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	401414	147.69	ng		-0.03
7) Phenol-d6	7.24	99	583254	139.41	ng		-0.03
23) Nitrobenzene-d5	9.25	82	426609	93.98	ng		-0.03
41) 2,4,6-Tribromophenol	16.24	330	335439	124.66	ng		-0.02
44) 2-Fluorobiphenyl	13.35	172	902903	86.68	ng		-0.02
78) Terphenyl-d14	20.11	244	1580363	86.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	42394	37.82	ng	#	86
3) Pyridine	3.88	79	138213	41.03	ng		96
4) n-Nitrosodimethylamine	3.79	42	86336	48.62	ng	#	91
6) Aniline	7.39	93	152878	27.53	ng		96
8) 2-Chlorophenol	7.63	128	137203	43.57	ng		96
9) Benzaldehyde	7.20	77	30056	10.11	ng		90
10) Phenol	7.27	94	200518	45.56	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	136938	39.54	ng		90
12) 1,3-Dichlorobenzene	7.95	146	153541	41.66	ng		96
13) 1,4-Dichlorobenzene	8.10	146	158595	40.62	ng		93
14) 1,2-Dichlorobenzene	8.42	146	146874	40.08	ng		94
15) Benzyl Alcohol	8.32	79	173789	47.11	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	178574	38.47	ng		93
17) 2-Methylphenol	8.52	107	134526	45.37	ng		98
18) Hexachloroethane	9.15	117	61631	41.00	ng		92
19) n-Nitroso-di-n-propylamine	8.88	70	151275	40.93	ng		94
20) 3+4-Methylphenols	8.86	107	186417	45.11	ng		96
22) Acetophenone	8.90	105	216494	41.26	ng	#	95
24) Nitrobenzene	9.29	77	224986	46.09	ng		96
25) Isophorone	9.81	82	394888	44.86	ng		97
26) 2-Nitrophenol	10.01	139	85522	46.09	ng		95
27) 2,4-Dimethylphenol	10.07	122	147707	46.84	ng		97
28) bis(2-Chloroethoxy)methane	10.29	93	204395	45.99	ng		98
29) 2,4-Dichlorophenol	10.56	162	164993	49.38	ng		95
30) 1,2,4-Trichlorobenzene	10.76	180	167625	45.74	ng		94
31) Naphthalene	10.94	128	453328	43.41	ng		97
32) Benzoic acid	10.22	122	47947	18.72	ng	#	87
33) 4-Chloroaniline	11.07	127	72737	16.68	ng		94
34) Hexachlorobutadiene	11.22	225	130234	47.32	ng		98
35) Caprolactam	11.88	113	55528m	47.15	ng		
36) 4-Chloro-3-methylphenol	12.21	107	203504	45.58	ng		96
37) 2-Methylnaphthalene	12.55	142	358910	45.18	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	200208	40.39	ng		99
40) Hexachlorocyclopentadiene	12.89	237	267516	88.71	ng		98

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Quant Time: Sep 06 18:37:43 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
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	13.18	196	150106	45.38	ng		94
43) 2,4,5-Trichlorophenol	13.26	196	157766	47.18	ng		96
45) 1,1'-Biphenyl	13.56	154	440441	36.66	ng		98
46) 2-Chloronaphthalene	13.61	162	384008	43.54	ng		98
47) 2-Nitroaniline	13.83	65	175616	50.55	ng		99
48) Acenaphthylene	14.46	152	622417	42.34	ng		98
49) Dimethylphthalate	14.19	163	550070	42.95	ng		99
50) 2,6-Dinitrotoluene	14.32	165	120426	44.55	ng		98
51) Acenaphthene	14.80	154	382620	42.10	ng		97
52) 3-Nitroaniline	14.66	138	59412	23.49	ng		83
53) 2,4-Dinitrophenol	14.88	184	122852	63.61	ng		93
54) Dibenzofuran	15.14	168	651308	45.92	ng		98
55) 4-Nitrophenol	15.00	139	167766	83.39	ng		96
56) 2,4-Dinitrotoluene	15.12	165	178627	44.95	ng		89
57) Fluorene	15.79	166	539368	43.85	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	164382	48.43	ng		94
59) Diethylphthalate	15.55	149	591264	43.25	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	286103	43.21	ng		97
61) 4-Nitroaniline	15.84	138	108353	42.39	ng		93
62) Azobenzene	16.07	77	642010	48.49	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	105574	39.06	ng		92
65) n-Nitrosodiphenylamine	16.00	169	484202	43.79	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	219179	46.27	ng		97
67) Hexachlorobenzene	16.80	284	225250	40.55	ng		98
68) Atrazine	16.95	200	203550	42.78	ng		98
69) Pentachlorophenol	17.16	266	233886	79.27	ng		97
70) Phenanthrene	17.55	178	905896	44.73	ng		99
71) Anthracene	17.63	178	918001	44.44	ng		96
72) Carbazole	17.92	167	805820	42.98	ng		97
73) Di-n-butylphthalate	18.45	149	948139	42.39	ng		98
74) Fluoranthene	19.56	202	1114211	45.69	ng		94
76) Benzidine	19.75	184	414679	32.01	ng		97
77) Pyrene	19.93	202	1107505	43.04	ng		94
79) Butylbenzylphthalate	20.80	149	422587	42.60	ng		98
80) Benzo(a)anthracene	21.79	228	1082424	46.22	ng		92
81) 3,3'-Dichlorobenzidine	21.71	252	227295	24.28	ng	#	99
82) Chrysene	21.86	228	1002519	44.97	ng		97
83) Bis(2-ethylhexyl)phthalate	21.66	149	574279	42.28	ng		96
84) Di-n-octyl phthalate	22.92	149	953946	42.83	ng		99
85) Indeno(1,2,3-cd)pyrene	29.01	276	1181672	47.87	ng	#	100
87) Benzo(b)fluoranthene	24.10	252	1079253	46.20	ng		98
88) Benzo(k)fluoranthene	24.17	252	1036444	44.74	ng	#	99
89) Benzo(a)pyrene	25.01	252	1031396	46.49	ng	#	98
90) Dibenzo(a,h)anthracene	29.07	278	980540	44.94	ng	#	96
91) Benzo(g,h,i)perylene	30.22	276	975420	46.49	ng		99

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

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