Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022188.D
Acq On : 7 Jun 2016 3:53
Operator : UM/SJ
Sample : PB91120BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB91120BS

Manual Integrations APPROVED
sohil
6/7/2016 7:28:02 PM

Quant Time: Jun 07 06:02:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	26038	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	130125	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	80116	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	187550	20.00	ng		0.00
75) Chrysene-d12	21.77	240	180345	20.00	ng		0.00
86) Perylene-d12	25.06	264	174725	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	199090	147.83	ng		0.00
7) Phenol-d6	7.28	99	298349	140.90	ng		0.00
23) Nitrobenzene-d5	9.29	82	152982	81.96	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	118667	131.08	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	436729	83.07	ng		0.00
78) Terphenyl-d14	20.08	244	669517	88.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	18930	29.32	ng	#	73
3) Pyridine	3.92	79	55991	32.09	ng		96
4) n-Nitrosodimethylamine	3.84	42	15536	39.82	ng		92
6) Aniline	7.44	93	77673	28.87	ng	#	82
8) 2-Chlorophenol	7.68	128	81055	43.55	ng	#	78
9) Benzaldehyde	7.27	77	4516m	3.87	ng		
10) Phenol	7.30	94	97641	44.73	ng		84
11) bis(2-Chloroethyl)ether	7.53	93	66966	38.47	ng	#	74
12) 1,3-Dichlorobenzene	8.01	146	76195	38.19	ng	#	88
13) 1,4-Dichlorobenzene	8.15	146	78070	39.27	ng		94
14) 1,2-Dichlorobenzene	8.47	146	77125	38.49	ng		98
15) Benzyl Alcohol	8.36	79	53661	39.23	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.65	45	69514	38.49	ng		80
17) 2-Methylphenol	8.57	107	68910	42.30	ng	#	84
18) Hexachloroethane	9.20	117	28479	39.23	ng	#	83
19) n-Nitroso-di-n-propylamine	8.92	70	53475	37.31	ng	#	72
20) 3+4-Methylphenols	8.90	107	97532	41.74	ng		92
22) Acetophenone	8.95	105	111354	39.71	ng	#	78
24) Nitrobenzene	9.34	77	78426	41.78	ng	#	82
25) Isophorone	9.85	82	164845	37.75	ng		94
26) 2-Nitrophenol	10.05	139	40998	40.28	ng	#	76
27) 2,4-Dimethylphenol	10.10	122	80575	43.74	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	100895	40.33	ng		93
29) 2,4-Dichlorophenol	10.59	162	78723	46.13	ng		95
30) 1,2,4-Trichlorobenzene	10.80	180	75809	39.76	ng		91
31) Naphthalene	10.99	128	256498	39.49	ng	#	96
32) Benzoic acid	10.23	122	20661	37.17	ng	#	81
33) 4-Chloroaniline	11.10	127	51556	19.09	ng	#	88
34) Hexachlorobutadiene	11.26	225	40827	39.88	ng		98
35) Caprolactam	11.87	113	34469m	36.82	ng		
36) 4-Chloro-3-methylphenol	12.21	107	85946	42.49	ng	#	86
37) 2-Methylnaphthalene	12.59	142	187224	39.05	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	83948	40.71	ng		99
40) Hexachlorocyclopentadiene	12.92	237	82580	78.63	ng		98

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Quant Time: Jun 07 06:02:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	61212	44.24	ng		98
43) 2,4,5-Trichlorophenol	13.27	196	66254	43.35	ng		92
45) 1,1'-Biphenyl	13.58	154	249088	41.31	ng		95
46) 2-Chloronaphthalene	13.63	162	193809	41.93	ng		96
47) 2-Nitroaniline	13.84	65	44494	40.37	ng	#	60
48) Acenaphthylene	14.48	152	337612	41.63	ng		99
49) Dimethylphthalate	14.19	163	267509	40.27	ng		98
50) 2,6-Dinitrotoluene	14.32	165	60655	42.00	ng	#	76
51) Acenaphthene	14.81	154	198399	40.84	ng		98
52) 3-Nitroaniline	14.66	138	36367	22.71	ng	#	79
53) 2,4-Dinitrophenol	14.87	184	47114	79.91	ng	#	71
54) Dibenzofuran	15.15	168	316374	41.73	ng		98
55) 4-Nitrophenol	14.98	139	97468	88.18	ng	#	69
56) 2,4-Dinitrotoluene	15.11	165	84725	43.74	ng	#	81
57) Fluorene	15.79	166	266446	40.79	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	59654	43.51	ng		95
59) Diethylphthalate	15.55	149	286359	40.36	ng		100
60) 4-Chlorophenyl-phenylether	15.78	204	122692	41.48	ng		93
61) 4-Nitroaniline	15.82	138	66719	39.28	ng	#	79
62) Azobenzene	16.07	77	224155	41.71	ng		86
64) 4,6-Dinitro-2-methylphenol	15.88	198	37744	40.64	ng	#	81
65) n-Nitrosodiphenylamine	15.99	169	230717	42.70	ng		100
66) 4-Bromophenyl-phenylether	16.67	248	75453	42.94	ng		95
67) Hexachlorobenzene	16.80	284	84109	41.06	ng		94
68) Atrazine	16.93	200	80322	40.16	ng		97
69) Pentachlorophenol	17.14	266	78764	84.42	ng		97
70) Phenanthrene	17.53	178	422922	41.52	ng		98
71) Anthracene	17.63	178	425429	42.11	ng		97
72) Carbazole	17.90	167	399789	41.78	ng		98
73) Di-n-butylphthalate	18.43	149	530273	42.39	ng		99
74) Fluoranthene	19.54	202	497049	42.44	ng		97
76) Benzidine	19.72	184	144825	30.71	ng		99
77) Pyrene	19.90	202	491426	43.83	ng		99
79) Butylbenzylphthalate	20.76	149	227026	43.66	ng		89
80) Benzo(a)anthracene	21.74	228	440037	43.51	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	76607	26.98	ng		98
82) Chrysene	21.82	228	423978	43.08	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	334288	43.72	ng		99
84) Di-n-octyl phthalate	22.86	149	568784	44.80	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.84	276	496581	44.98	ng	#	86
87) Benzo(b)fluoranthene	24.01	252	433146	42.51	ng		98
88) Benzo(k)fluoranthene	24.08	252	452248m	45.08	ng		
89) Benzo(a)pyrene	24.91	252	420370	43.14	ng	#	96
90) Dibenzo(a,h)anthracene	28.89	278	413700	45.08	ng	#	96
91) Benzo(g,h,i)perylene	30.02	276	418554	43.84	ng	#	94

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

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