Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
Data File : BG032332.D
Acq On : 26 Jan 2018 17:29
Operator : SJ/JU
Sample : PB105792BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105792BS

Quant Time: Jan 27 00:36:06 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	40539	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	156268	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	110156	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	290793	20.00	ng		0.00
75) Chrysene-d12	22.42	240	354966	20.00	ng		0.00
86) Perylene-d12	26.11	264	392646	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	281153	126.84	ng		0.00
7) Phenol-d6	7.84	99	334085	119.68	ng		0.00
23) Nitrobenzene-d5	9.92	82	209251	90.59	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	250795	137.59	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	725470	81.66	ng		0.00
78) Terphenyl-d14	20.63	244	1413269	87.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	26953	31.652	ng	#	80
3) Pyridine	4.26	79	77065	33.905	ng	#	85
4) n-Nitrosodimethylamine	4.18	42	46704	58.486	ng	#	73
6) Aniline	8.02	93	37497	10.649	ng		93
8) 2-Chlorophenol	8.27	128	109278	44.058	ng	#	82
9) Benzaldehyde	7.82	77	44807	27.702	ng		83
10) Phenol	7.87	94	114214	41.534	ng		88
11) bis(2-Chloroethyl)ether	8.11	93	80791	36.671	ng	#	83
12) 1,3-Dichlorobenzene	8.61	146	131875	40.625	ng		94
13) 1,4-Dichlorobenzene	8.76	146	134241	41.071	ng		96
14) 1,2-Dichlorobenzene	9.09	146	125372	39.658	ng		95
15) Benzyl Alcohol	8.96	79	93497	46.104	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	9.25	45	75457	33.702	ng		81
17) 2-Methylphenol	9.16	107	83199	39.589	ng		96
18) Hexachloroethane	9.85	117	43884	43.687	ng	#	79
19) n-Nitroso-di-n-propylamine	9.53	70	66412	38.343	ng	#	89
20) 3+4-Methylphenols	9.49	107	113582	39.013	ng		96
22) Acetophenone	9.56	105	149170	42.024	ng	#	91
24) Nitrobenzene	9.97	77	105258	45.685	ng	#	90
25) Isophorone	10.49	82	185731	43.184	ng	#	87
26) 2-Nitrophenol	10.69	139	64670	47.371	ng	#	81
27) 2,4-Dimethylphenol	10.73	122	104469	48.222	ng		94
28) bis(2-Chloroethoxy)methane	10.97	93	108545	41.888	ng	#	95
29) 2,4-Dichlorophenol	11.23	162	132466	49.693	ng		88
30) 1,2,4-Trichlorobenzene	11.46	180	152312	44.242	ng		98
31) Naphthalene	11.65	128	322936	41.717	ng		98
32) Benzoic acid	10.84	122	63742	37.918	ng	#	69
33) 4-Chloroaniline	11.75	127	36870	11.107	ng		95
34) Hexachlorobutadiene	11.93	225	113296	45.819	ng		93
35) Caprolactam	12.51	113	35948	44.451	ng	#	54
36) 4-Chloro-3-methylphenol	12.83	107	119104	48.814	ng	#	84
37) 2-Methylnaphthalene	13.22	142	263413	42.860	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	207405	43.194	ng		95
40) Hexachlorocyclopentadiene	13.55	237	299876	110.881	ng		93

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	127458	47.242 ng		98
43) 2,4,5-Trichlorophenol	13.88	196	138521	44.357 ng	#	87
45) 1,1'-Biphenyl	14.20	154	377007	39.923 ng		94
46) 2-Chloronaphthalene	14.25	162	292229	39.779 ng		98
47) 2-Nitroaniline	14.44	65	67893	48.275 ng	#	69
48) Acenaphthylene	15.09	152	437382	39.097 ng		98
49) Dimethylphthalate	14.79	163	395325	41.011 ng	#	98
50) 2,6-Dinitrotoluene	14.92	165	88499	44.231 ng	#	73
51) Acenaphthene	15.42	154	351910	47.573 ng		97
52) 3-Nitroaniline	15.24	138	30636	16.953 ng	#	72
53) 2,4-Dinitrophenol	15.45	184	123916	119.677 ng	#	55
54) Dibenzofuran	15.76	168	465729	42.205 ng		99
55) 4-Nitrophenol	15.54	139	134357	102.019 ng	#	77
56) 2,4-Dinitrotoluene	15.70	165	129288	47.995 ng	#	70
57) Fluorene	16.40	166	378222	41.791 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.97	232	148562	51.425 ng	#	86
59) Diethylphthalate	16.13	149	386678	41.378 ng		97
60) 4-Chlorophenyl-phenylether	16.37	204	242046	43.598 ng		95
61) 4-Nitroaniline	16.40	138	66715	38.486 ng		87
62) Azobenzene	16.67	77	248066	42.411 ng		85
64) 4,6-Dinitro-2-methylphenol	16.46	198	86367	46.565 ng	#	69
65) n-Nitrosodiphenylamine	16.58	169	349405	39.598 ng		99
66) 4-Bromophenyl-phenylether	17.27	248	175834	42.498 ng		94
67) Hexachlorobenzene	17.40	284	183714	40.134 ng	#	90
68) Atrazine	17.51	200	167587	45.161 ng		97
69) Pentachlorophenol	17.73	266	245317	83.845 ng		98
70) Phenanthrene	18.14	178	657042	40.583 ng		99
71) Anthracene	18.22	178	681504	42.204 ng		98
72) Carbazole	18.48	167	581525	41.513 ng		99
73) Di-n-butylphthalate	18.99	149	660569	39.907 ng		99
74) Fluoranthene	20.10	202	890942	43.952 ng		95
76) Benzidine	20.26	184	180585	20.345 ng		98
77) Pyrene	20.46	202	896569	40.179 ng		98
79) Butylbenzylphthalate	21.31	149	303424	37.952 ng	#	77
80) Benzo(a)anthracene	22.40	228	952277	43.137 ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	159099	19.293 ng	#	94
82) Chrysene	22.48	228	891531	42.052 ng		98
83) Bis(2-ethylhexyl)phthalate	22.24	149	422015	35.996 ng	#	98
84) Di-n-octyl phthalate	23.61	149	727561	39.073 ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.38	276	1193096	45.985 ng	#	86
87) Benzo(b)fluoranthene	24.93	252	998468	42.070 ng	#	95
88) Benzo(k)fluoranthene	25.00	252	983873	42.424 ng	#	95
89) Benzo(a)pyrene	25.93	252	977783	43.552 ng	#	95
90) Dibenzo(a,h)anthracene	30.46	278	985532	45.554 ng	#	93
91) Benzo(g,h,i)perylene	31.72	276	993810	44.943 ng	#	91

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

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