Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020065.D
Acq On : 10 Dec 2015 6:12
Operator : UM/SJ
Sample : PB87142BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB87142BS

Quant Time: Dec 10 07:56:35 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	18738	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	81263	20.00	ng		-0.03
38) Acenaphthene-d10	14.74	164	57964	20.00	ng		-0.03
63) Phenanthrene-d10	17.48	188	143078	20.00	ng		-0.03
75) Chrysene-d12	21.75	240	178716	20.00	ng		-0.04
86) Perylene-d12	25.03	264	166491	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	138679	133.76	ng		-0.01
7) Phenol-d6	7.26	99	204717	130.78	ng		0.00
23) Nitrobenzene-d5	9.28	82	130970	82.25	ng		-0.02
41) 2,4,6-Tribromophenol	16.22	330	105327	118.76	ng		-0.02
44) 2-Fluorobiphenyl	13.36	172	322660	76.01	ng		-0.03
78) Terphenyl-d14	20.08	244	582404	79.49	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	13183	32.64	ng	#	100
3) Pyridine	3.92	79	42257	34.45	ng	#	88
4) n-Nitrosodimethylamine	3.83	42	21942	34.01	ng		88
6) Aniline	7.43	93	30144	14.87	ng	#	87
8) 2-Chlorophenol	7.67	128	54357	43.00	ng		96
9) Benzaldehyde	7.24	77	28205	27.02	ng		93
10) Phenol	7.29	94	73908	44.86	ng		82
11) bis(2-Chloroethyl)ether	7.52	93	47388	38.84	ng		85
12) 1,3-Dichlorobenzene	8.00	146	54123	37.77	ng	#	91
13) 1,4-Dichlorobenzene	8.15	146	55266	37.34	ng		95
14) 1,2-Dichlorobenzene	8.47	146	53509	37.91	ng		95
15) Benzyl Alcohol	8.35	79	54274	39.51	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	70085	35.22	ng		93
17) 2-Methylphenol	8.55	107	51028	43.87	ng	#	93
18) Hexachloroethane	9.20	117	20760	37.46	ng		91
19) n-Nitroso-di-n-propylamine	8.92	70	44198	35.80	ng		98
20) 3+4-Methylphenols	8.87	107	69248	42.28	ng		94
22) Acetophenone	8.93	105	82054	36.84	ng	#	93
24) Nitrobenzene	9.32	77	69048	39.98	ng		92
25) Isophorone	9.84	82	119486	35.00	ng	#	97
26) 2-Nitrophenol	10.03	139	30534	45.77	ng	#	72
27) 2,4-Dimethylphenol	10.08	122	56868	40.94	ng		96
28) bis(2-Chloroethoxy)methane	10.33	93	68758	41.22	ng		100
29) 2,4-Dichlorophenol	10.57	162	63507	44.75	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	61521	38.36	ng		97
31) Naphthalene	10.98	128	170414	39.15	ng		100
32) Benzoic acid	10.21	122	42792	46.00	ng		87
33) 4-Chloroaniline	11.08	127	17600	9.17	ng	#	93
34) Hexachlorobutadiene	11.26	225	43126	36.45	ng		100
35) Caprolactam	11.86	113	20694m	39.17	ng		
36) 4-Chloro-3-methylphenol	12.19	107	71197	40.28	ng		95
37) 2-Methylnaphthalene	12.58	142	130247	40.83	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	84449	38.39	ng		99
40) Hexachlorocyclopentadiene	12.92	237	76955	61.36	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	58898	40.44	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	65822	42.76	ng		97
45) 1,1'-Biphenyl	13.57	154	175760	36.95	ng		99
46) 2-Chloronaphthalene	13.62	162	143234	39.06	ng		95
47) 2-Nitroaniline	13.82	65	50108	43.27	ng		86
48) Acenaphthylene	14.46	152	236911	37.93	ng		100
49) Dimethylphthalate	14.19	163	190928	36.62	ng		98
50) 2,6-Dinitrotoluene	14.31	165	41591	42.43	ng	#	80
51) Acenaphthene	14.80	154	141699	37.39	ng		98
52) 3-Nitroaniline	14.64	138	23563	23.14	ng	#	87
53) 2,4-Dinitrophenol	14.84	184	36525	71.17	ng		86
54) Dibenzofuran	15.14	168	237314	42.09	ng		93
55) 4-Nitrophenol	14.94	139	70401	79.37	ng	#	69
56) 2,4-Dinitrotoluene	15.10	165	61419	44.91	ng	#	95
57) Fluorene	15.78	166	191153	37.88	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	62833	44.11	ng		98
59) Diethylphthalate	15.55	149	199385	35.33	ng		98
60) 4-Chlorophenyl-phenylether	15.77	204	107088	36.96	ng		98
61) 4-Nitroaniline	15.80	138	43520	37.99	ng	#	78
62) Azobenzene	16.07	77	185759	39.56	ng		95
64) 4,6-Dinitro-2-methylphenol	15.85	198	31429	40.23	ng		95
65) n-Nitrosodiphenylamine	15.99	169	173629	41.94	ng		96
66) 4-Bromophenyl-phenylether	16.67	248	70558	39.69	ng		96
67) Hexachlorobenzene	16.79	284	75472	40.75	ng		94
68) Atrazine	16.93	200	71947	40.00	ng		96
69) Pentachlorophenol	17.13	266	95450	88.30	ng		96
70) Phenanthrene	17.52	178	330899	40.88	ng		97
71) Anthracene	17.62	178	334197	40.53	ng		95
72) Carbazole	17.88	167	297058	40.90	ng		98
73) Di-n-butylphthalate	18.43	149	350181	39.33	ng		98
74) Fluoranthene	19.53	202	416250	40.20	ng		93
76) Benzidine	19.70	184	115490	19.67	ng		98
77) Pyrene	19.89	202	430677	40.96	ng		95
79) Butylbenzylphthalate	20.77	149	165534	40.17	ng		95
80) Benzo(a)anthracene	21.74	228	437132	39.96	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	82556	19.82	ng	#	98
82) Chrysene	21.80	228	392692	37.81	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	236918	39.17	ng		96
84) Di-n-octyl phthalate	22.86	149	408222	41.52	ng	#	96
85) Indeno(1,2,3-cd)pyrene	28.79	276	470547	41.12	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	436420	41.36	ng	#	94
88) Benzo(k)fluoranthene	24.06	252	404118	38.67	ng	#	96
89) Benzo(a)pyrene	24.88	252	409915	40.92	ng	#	95
90) Dibenzo(a,h)anthracene	28.85	278	396375	40.05	ng	#	93
91) Benzo(g,h,i)perylene	29.95	276	387256	39.85	ng	#	91

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

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