Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060315\
Data File : BG017430.D
Acq On : 4 Jun 2015 6:17
Operator : TP/IZ
Sample : G2420-02MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MSD

Manual Integrations APPROVED
apatel
6/5/2015 8:12:44 AM

Quant Time: Jun 04 07:09:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 06:50:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	17231	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	71142	20.00	ng		0.00
38) Acenaphthene-d10	14.29	164	49204	20.00	ng		0.00
63) Phenanthrene-d10	17.04	188	120222	20.00	ng		0.00
75) Chrysene-d12	21.23	240	152955	20.00	ng		0.00
86) Perylene-d12	23.47	264	144957	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	97040	99.22	ng		0.00
7) Phenol-d6	6.83	99	130779	98.15	ng		0.00
23) Nitrobenzene-d5	8.79	82	93488	65.60	ng		0.00
41) 2,4,6-Tribromophenol	15.79	330	64854	94.90	ng		0.00
44) 2-Fluorobiphenyl	12.91	172	207318	63.56	ng		0.00
78) Terphenyl-d14	19.68	244	440633	59.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	9337	21.21	ng	#	84
3) Pyridine	3.48	79	22752	19.35	ng		91
4) n-Nitrosodimethylamine	3.40	42	23657	30.70	ng	#	87
6) Aniline	6.96	93	37475	20.95	ng		96
8) 2-Chlorophenol	7.20	128	35625	30.80	ng		98
9) Benzaldehyde	6.77	77	4262	4.71	ng		91
10) Phenol	6.86	94	45784	33.45	ng		93
11) bis(2-Chloroethyl)ether	7.06	93	34586	33.17	ng		99
12) 1,3-Dichlorobenzene	7.51	146	37415	28.94	ng		93
13) 1,4-Dichlorobenzene	7.66	146	37064	27.36	ng		97
14) 1,2-Dichlorobenzene	7.97	146	35980	28.37	ng		91
15) Benzyl Alcohol	7.87	79	37518	30.24	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.17	45	51703	29.42	ng		97
17) 2-Methylphenol	8.10	107	33227	32.00	ng		92
18) Hexachloroethane	8.70	117	15514	28.70	ng		89
19) n-Nitroso-di-n-propylamine	8.44	70	32041	28.42	ng		95
20) 3+4-Methylphenols	8.43	107	43855	30.52	ng		94
22) Acetophenone	8.45	105	56085	32.16	ng	#	97
24) Nitrobenzene	8.83	77	47924	32.39	ng		97
25) Isophorone	9.35	82	86075	28.88	ng		96
26) 2-Nitrophenol	9.54	139	21366	31.14	ng		98
27) 2,4-Dimethylphenol	9.62	122	32629	29.25	ng		92
28) bis(2-Chloroethoxy)methane	9.84	93	44141	32.42	ng		98
29) 2,4-Dichlorophenol	10.09	162	36979	34.01	ng		96
30) 1,2,4-Trichlorobenzene	10.29	180	38889	30.42	ng		94
31) Naphthalene	10.47	128	111644	30.04	ng		98
33) 4-Chloroaniline	10.59	127	37302	22.62	ng	#	94
34) Hexachlorobutadiene	10.75	225	25213	30.30	ng		96
35) Caprolactam	11.39	113	11255m	18.81	ng		
36) 4-Chloro-3-methylphenol	11.74	107	44425	31.40	ng		94
37) 2-Methylnaphthalene	12.09	142	90508	31.68	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.47	216	45570	30.44	ng		96
40) Hexachlorocyclopentadiene	12.44	237	44514	52.90	ng		97
42) 2,4,6-Trichlorophenol	12.72	196	30720	28.65	ng		94

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 06:50:36 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.80	196	33167	28.24	ng	93
45) 1,1'-Biphenyl	13.12	154	113554	31.58	ng	98
46) 2-Chloronaphthalene	13.15	162	90080	29.96	ng	93
47) 2-Nitroaniline	13.38	65	33782	30.42	ng	93
48) Acenaphthylene	14.01	152	153604	29.00	ng	97
49) Dimethylphthalate	13.75	163	144370	33.71	ng	99
50) 2,6-Dinitrotoluene	13.88	165	28727	29.85	ng	93
51) Acenaphthene	14.35	154	91279	29.23	ng	98
52) 3-Nitroaniline	14.21	138	26167	25.11	ng	95
53) 2,4-Dinitrophenol	14.42	184	9578	21.49	ng	98
54) Dibenzofuran	14.69	168	140497	30.50	ng	97
55) 4-Nitrophenol	14.56	139	47221	57.02	ng	98
56) 2,4-Dinitrotoluene	14.67	165	43067	31.42	ng	99
57) Fluorene	15.34	166	125571	30.06	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.93	232	31021	28.96	ng	98
59) Diethylphthalate	15.12	149	135930	29.24	ng	98
60) 4-Chlorophenyl-phenylether	15.34	204	65308	30.85	ng	99
61) 4-Nitroaniline	15.38	138	35185	30.66	ng	95
62) Azobenzene	15.63	77	137664	31.16	ng	98
64) 4,6-Dinitro-2-methylphenol	15.43	198	20456	22.95	ng	99
65) n-Nitrosodiphenylamine	15.56	169	109928	30.66	ng	94
66) 4-Bromophenyl-phenylether	16.23	248	41146	30.92	ng	94
67) Hexachlorobenzene	16.35	284	44224	30.91	ng	99
68) Atrazine	16.52	200	48120	30.49	ng	96
69) Pentachlorophenol	16.70	266	41423	49.55	ng	92
70) Phenanthrene	17.09	178	204448	30.50	ng	98
71) Anthracene	17.17	178	206509	30.84	ng	97
72) Carbazole	17.45	167	204840	30.98	ng	98
73) Di-n-butylphthalate	18.01	149	266260	31.45	ng	99
74) Fluoranthene	19.11	202	278073	31.72	ng	99
76) Benzidine	19.30	184	81093	15.43	ng	98
77) Pyrene	19.47	202	285612	30.31	ng	99
79) Butylbenzylphthalate	20.38	149	125946	30.89	ng	99
80) Benzo(a)anthracene	21.22	228	284217	30.21	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	76756	21.84	ng	97
82) Chrysene	21.27	228	261153	30.66	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	183289	31.17	ng	96
84) Di-n-octyl phthalate	22.02	149	308697	31.31	ng	100
85) Indeno(1,2,3-cd)pyrene	25.75	276	317990	29.73	ng	99
87) Benzo(b)fluoranthene	22.80	252	282821	30.79	ng	98
88) Benzo(k)fluoranthene	22.84	252	272899	31.04	ng	99
89) Benzo(a)pyrene	23.37	252	268606	31.88	ng	98
90) Dibenzo(a,h)anthracene	25.76	278	267158	30.52	ng	96
91) Benzo(g,h,i)perylene	26.44	276	255266	30.64	ng	97

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

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