Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016422.D
Acq On : 15 Apr 2015 14:41
Operator : TP/IZ
Sample : PB82692BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB82692BS

Manual Integrations APPROVED
apatel
4/16/2015 3:33:13 PM

Quant Time: Apr 16 03:42:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 14:00:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	74269	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	337485	20.00	ng	-0.01
38) Acenaphthene-d10	14.31	164	198379	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	450100	20.00	ng	0.00
75) Chrysene-d12	21.23	240	410667	20.00	ng	0.00
86) Perylene-d12	23.46	264	384335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	575967	122.39	ng	0.00
7) Phenol-d6	6.85	99	799472	113.17	ng	0.00
23) Nitrobenzene-d5	8.83	82	410222	70.42	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	169283	126.18	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	860359	73.84	ng	0.00
78) Terphenyl-d14	19.68	244	1166691	66.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	61934	28.95	ng	99
3) Pyridine	3.53	79	177513	27.76	ng	97
4) n-Nitrosodimethylamine	3.45	42	61314	32.26	ng	94
6) Aniline	6.99	93	174205	17.27	ng	98
8) 2-Chlorophenol	7.24	128	220160	38.96	ng	95
9) Benzaldehyde	6.81	77	46451	11.23	ng	95
10) Phenol	6.88	94	285775	37.81	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	194968	32.35	ng	99
12) 1,3-Dichlorobenzene	7.55	146	199560	34.97	ng	96
13) 1,4-Dichlorobenzene	7.70	146	204422	34.53	ng	95
14) 1,2-Dichlorobenzene	8.02	146	196611	34.73	ng	99
15) Benzyl Alcohol	7.91	79	168336	34.18	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	211752	31.20	ng	98
17) 2-Methylphenol	8.12	107	186668	36.83	ng	97
18) Hexachloroethane	8.73	117	74869	33.06	ng	95
19) n-Nitroso-di-n-propylamine	8.47	70	145015	28.65	ng	99
20) 3+4-Methylphenols	8.45	107	249586	35.55	ng	98
22) Acetophenone	8.49	105	275756	35.24	ng	99
24) Nitrobenzene	8.87	77	210223	33.74	ng	95
25) Isophorone	9.39	82	396275	30.63	ng	98
26) 2-Nitrophenol	9.57	139	119152	41.02	ng	98
27) 2,4-Dimethylphenol	9.64	122	212385	39.25	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	249532	33.79	ng	98
29) 2,4-Dichlorophenol	10.11	162	183178	42.78	ng	97
30) 1,2,4-Trichlorobenzene	10.32	180	168043	37.59	ng	99
31) Naphthalene	10.50	128	619821	35.25	ng	100
32) Benzoic acid	9.78	122	138710	40.88	ng	96
33) 4-Chloroaniline	10.62	127	110123	13.35	ng	98
34) Hexachlorobutadiene	10.78	225	70977	36.15	ng	98
35) Caprolactam	11.38	113	99925m	37.07	ng	
36) 4-Chloro-3-methylphenol	11.76	107	217704	38.49	ng	96
37) 2-Methylnaphthalene	12.12	142	451791	35.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	155136	35.52	ng	99
40) Hexachlorocyclopentadiene	12.47	237	143819	71.94	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.74	196	127695	39.34	ng	98
43) 2,4,5-Trichlorophenol	12.82	196	141871	40.91	ng	94
45) 1,1'-Biphenyl	13.14	154	547776	36.00	ng	98
46) 2-Chloronaphthalene	13.18	162	414404	35.75	ng	99
47) 2-Nitroaniline	13.39	65	135178	36.18	ng	95
48) Acenaphthylene	14.03	152	720726	34.96	ng	99
49) Dimethylphthalate	13.77	163	508840	35.00	ng	100
50) 2,6-Dinitrotoluene	13.89	165	130898	37.22	ng	97
51) Acenaphthene	14.37	154	433942	35.23	ng	98
52) 3-Nitroaniline	14.22	138	113842	25.35	ng	95
53) 2,4-Dinitrophenol	14.43	184	137513	68.86	ng	94
54) Dibenzofuran	14.71	168	635457	37.17	ng	99
55) 4-Nitrophenol	14.55	139	312432	84.19	ng	97
56) 2,4-Dinitrotoluene	14.69	165	193730	40.45	ng	90
57) Fluorene	15.36	166	556906	36.93	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.94	232	112697	42.11	ng	95
59) Diethylphthalate	15.14	149	546989	35.34	ng	99
60) 4-Chlorophenyl-phenylether	15.36	204	224943	36.47	ng	99
61) 4-Nitroaniline	15.39	138	193894	38.04	ng	97
62) Azobenzene	15.65	77	570850	34.66	ng	98
64) 4,6-Dinitro-2-methylphenol	15.44	198	103871	34.02	ng	98
65) n-Nitrosodiphenylamine	15.57	169	509313	33.47	ng	99
66) 4-Bromophenyl-phenylether	16.25	248	124559	34.66	ng	92
67) Hexachlorobenzene	16.36	284	126253	33.80	ng	99
68) Atrazine	16.52	200	168011	39.62	ng	98
69) Pentachlorophenol	16.71	266	169468	74.30	ng	95
70) Phenanthrene	17.09	178	891989	35.23	ng	100
71) Anthracene	17.18	178	903883	36.03	ng	99
72) Carbazole	17.46	167	974853	38.72	ng	99
73) Di-n-butylphthalate	18.02	149	1097658	35.62	ng	100
74) Fluoranthene	19.11	202	971637	37.24	ng	99
76) Benzidine	19.30	184	405819	23.30	ng	99
77) Pyrene	19.47	202	1013238	35.43	ng	99
79) Butylbenzylphthalate	20.37	149	551964	39.29	ng	99
80) Benzo(a)anthracene	21.22	228	874708	36.04	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	187475	23.49	ng	98
82) Chrysene	21.27	228	832602	35.53	ng	100
83) Bis(2-ethylhexyl)phthalate	21.15	149	750646	39.47	ng	98
84) Di-n-octyl phthalate	22.02	149	1230347	39.70	ng	99
85) Indeno(1,2,3-cd)pyrene	25.74	276	903776	37.13	ng	98
87) Benzo(b)fluoranthene	22.79	252	812368	36.09	ng	97
88) Benzo(k)fluoranthene	22.83	252	815015	37.00	ng	99
89) Benzo(a)pyrene	23.36	252	803228	38.07	ng	98
90) Dibenzo(a,h)anthracene	25.75	278	751964	36.63	ng	97
91) Benzo(g,h,i)perylene	26.44	276	768370	37.47	ng	99

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

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