Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
Data File : BG016598.D
Acq On : 21 Apr 2015 23:52
Operator : TP/IZ
Sample : PB82889BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB82889BS

Manual Integrations APPROVED
apatel
4/22/2015 5:21:13 PM

Quant Time: Apr 22 04:57:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 02:10:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	55216	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	231494	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	131525	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	291810	20.00	ng	0.00
75) Chrysene-d12	21.21	240	298093	20.00	ng	0.00
86) Perylene-d12	23.43	264	283840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	417824	121.28	ng	0.00
7) Phenol-d6	6.83	99	577548	119.99	ng	0.00
23) Nitrobenzene-d5	8.79	82	284853	75.77	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	114742	128.45	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	641511	80.78	ng	0.00
78) Terphenyl-d14	19.66	244	915418	73.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	52057	33.60	ng	93
3) Pyridine	3.50	79	138582	32.34	ng	98
4) n-Nitrosodimethylamine	3.42	42	44892	34.99	ng	92
6) Aniline	6.96	93	143347	21.56	ng	99
8) 2-Chlorophenol	7.21	128	160431	39.01	ng	99
9) Benzaldehyde	6.78	77	13839	6.32	ng	92
10) Phenol	6.85	94	203297	39.93	ng	99
11) bis(2-Chloroethyl)ether	7.07	93	141923	35.61	ng	98
12) 1,3-Dichlorobenzene	7.52	146	153583	35.77	ng	97
13) 1,4-Dichlorobenzene	7.67	146	156304	35.76	ng	98
14) 1,2-Dichlorobenzene	7.99	146	149295	35.90	ng	98
15) Benzyl Alcohol	7.88	79	111638	36.45	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	142482	36.91	ng	98
17) 2-Methylphenol	8.09	107	132528	38.62	ng	99
18) Hexachloroethane	8.70	117	56517	36.01	ng	96
19) n-Nitroso-di-n-propylamine	8.44	70	100946	32.44	ng	98
20) 3+4-Methylphenols	8.42	107	180996	38.30	ng	98
22) Acetophenone	8.46	105	198375	38.47	ng	99
24) Nitrobenzene	8.83	77	146643	37.48	ng	99
25) Isophorone	9.35	82	276907	35.98	ng	98
26) 2-Nitrophenol	9.54	139	83592	38.69	ng	97
27) 2,4-Dimethylphenol	9.61	122	152887	41.62	ng	98
28) bis(2-Chloroethoxy)methane	9.84	93	176562	38.26	ng	98
29) 2,4-Dichlorophenol	10.08	162	134416	44.25	ng	96
30) 1,2,4-Trichlorobenzene	10.28	180	125681	38.92	ng	98
31) Naphthalene	10.47	128	453796	37.55	ng	100
32) Benzoic acid	9.77	122	34950	32.17	ng	98
33) 4-Chloroaniline	10.59	127	95009	17.19	ng	98
34) Hexachlorobutadiene	10.75	225	53757	37.46	ng	97
35) Caprolactam	11.35	113	67573m	38.42	ng	
36) 4-Chloro-3-methylphenol	11.73	107	150638	41.07	ng	100
37) 2-Methylnaphthalene	12.09	142	332254	38.40	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.46	216	117122	38.71	ng	98
40) Hexachlorocyclopentadiene	12.44	237	94319	74.58	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.71	196	85239	39.79	ng	99
43) 2,4,5-Trichlorophenol	12.79	196	96822	42.39	ng	99
45) 1,1'-Biphenyl	13.11	154	403360	39.82	ng	98
46) 2-Chloronaphthalene	13.15	162	306536	39.52	ng	100
47) 2-Nitroaniline	13.37	65	89861	39.71	ng	89
48) Acenaphthylene	14.00	152	530984	38.56	ng	99
49) Dimethylphthalate	13.75	163	379102	38.98	ng	99
50) 2,6-Dinitrotoluene	13.87	165	94962	39.76	ng	98
51) Acenaphthene	14.34	154	319403	38.87	ng	98
52) 3-Nitroaniline	14.20	138	66515	22.55	ng	96
53) 2,4-Dinitrophenol	14.41	184	87473	79.06	ng	94
54) Dibenzofuran	14.68	168	463274	40.05	ng	99
55) 4-Nitrophenol	14.53	139	202258	90.59	ng	98
56) 2,4-Dinitrotoluene	14.66	165	135677	41.28	ng	98
57) Fluorene	15.33	166	404474	39.68	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.91	232	73060	42.38	ng	98
59) Diethylphthalate	15.11	149	407581	39.34	ng	100
60) 4-Chlorophenyl-phenylether	15.33	204	165968	39.65	ng	98
61) 4-Nitroaniline	15.36	138	127420	37.70	ng	97
62) Azobenzene	15.62	77	400665	41.66	ng	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	71647	36.73	ng	98
65) n-Nitrosodiphenylamine	15.54	169	365206	37.33	ng	100
66) 4-Bromophenyl-phenylether	16.22	248	88364	38.47	ng	98
67) Hexachlorobenzene	16.34	284	90127	37.56	ng	91
68) Atrazine	16.49	200	115134	42.09	ng	96
69) Pentachlorophenol	16.68	266	92180	74.64	ng	98
70) Phenanthrene	17.06	178	640151	38.54	ng	99
71) Anthracene	17.16	178	653903	39.61	ng	99
72) Carbazole	17.43	167	709067	42.10	ng	100
73) Di-n-butylphthalate	17.99	149	835803	40.78	ng	100
74) Fluoranthene	19.09	202	733226	40.97	ng	99
76) Benzidine	19.28	184	348210	31.59	ng	99
77) Pyrene	19.45	202	778981	38.91	ng	99
79) Butylbenzylphthalate	20.35	149	415245	39.62	ng	99
80) Benzo(a)anthracene	21.19	228	701677	39.03	ng	99
81) 3,3'-Dichlorobenzidine	21.13	252	172176	28.93	ng	98
82) Chrysene	21.25	228	663521	38.45	ng	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	568908	39.54	ng	98
84) Di-n-octyl phthalate	21.99	149	955510	39.99	ng	100
85) Indeno(1,2,3-cd)pyrene	25.68	276	722734	38.16	ng	99
87) Benzo(b)fluoranthene	22.76	252	678208	40.04	ng	99
88) Benzo(k)fluoranthene	22.81	252	620095	37.32	ng	99
89) Benzo(a)pyrene	23.33	252	642670	39.97	ng	99
90) Dibenzo(a,h)anthracene	25.69	278	603993	38.65	ng	99
91) Benzo(g,h,i)perylene	26.38	276	603763	38.30	ng	98

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

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