Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
Data File : BG016680.D
Acq On : 24 Apr 2015 9:01
Operator : TP/IZ
Sample : G1950-02MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PS-20(5-10)MS

Manual Integrations APPROVED
apatel
5/5/2015 4:55:16 PM

Quant Time: Apr 24 14:21:30 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 19:19:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	62000	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	264600	20.00	ng		0.00
38) Acenaphthene-d10	14.25	164	149092	20.00	ng		0.00
63) Phenanthrene-d10	16.99	188	300965	20.00	ng		0.00
75) Chrysene-d12	21.18	240	281895	20.00	ng		0.00
86) Perylene-d12	23.39	264	254991	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	371161	97.14	ng		0.00
7) Phenol-d6	6.79	99	516078	96.28	ng		0.00
23) Nitrobenzene-d5	8.76	82	252077	60.20	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	105743	95.60	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	587431	63.30	ng		0.00
78) Terphenyl-d14	19.63	244	707486	57.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	38699	23.38	ng		96
3) Pyridine	3.45	79	104966	22.34	ng		98
4) n-Nitrosodimethylamine	3.37	42	37802	27.27	ng		88
6) Aniline	6.93	93	90695	12.34	ng		99
8) 2-Chlorophenol	7.17	128	145235	30.75	ng		99
9) Benzaldehyde	6.74	77	14674	6.70	ng		95
10) Phenol	6.82	94	190810	33.77	ng		98
11) bis(2-Chloroethyl)ether	7.03	93	125633	28.49	ng		99
12) 1,3-Dichlorobenzene	7.48	146	132938	27.22	ng		97
13) 1,4-Dichlorobenzene	7.63	146	138711	27.78	ng		97
14) 1,2-Dichlorobenzene	7.95	146	132584	27.82	ng		99
15) Benzyl Alcohol	7.85	79	100549	29.89	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.14	45	122658	29.71	ng		99
17) 2-Methylphenol	8.06	107	119717	31.69	ng		98
18) Hexachloroethane	8.66	117	48877	27.77	ng		97
19) n-Nitroso-di-n-propylamine	8.40	70	89743	26.86	ng		98
20) 3+4-Methylphenols	8.39	107	163006	30.69	ng		96
22) Acetophenone	8.42	105	180051	31.00	ng	#	98
24) Nitrobenzene	8.80	77	129648	29.48	ng		97
25) Isophorone	9.31	82	250112	28.82	ng		100
26) 2-Nitrophenol	9.50	139	75980	29.78	ng		98
27) 2,4-Dimethylphenol	9.58	122	136997	32.15	ng		99
28) bis(2-Chloroethoxy)methane	9.80	93	158950	30.35	ng		99
29) 2,4-Dichlorophenol	10.05	162	121697	33.60	ng		97
30) 1,2,4-Trichlorobenzene	10.25	180	113051	29.45	ng		96
31) Naphthalene	10.43	128	414826	29.73	ng		99
32) Benzoic acid	9.73	122	26509	18.22	ng		97
33) 4-Chloroaniline	10.55	127	64697	10.07	ng		96
34) Hexachlorobutadiene	10.71	225	49813	29.05	ng		97
35) Caprolactam	11.32	113	58635m	30.03	ng		
36) 4-Chloro-3-methylphenol	11.70	107	135607	32.20	ng		98
37) 2-Methylnaphthalene	12.05	142	301041	29.88	ng		100
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	106124	29.88	ng		99
40) Hexachlorocyclopentadiene	12.41	237	72869	55.39	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	82014	31.60	ng	99
43) 2,4,5-Trichlorophenol	12.76	196	90743	33.04	ng	97
45) 1,1'-Biphenyl	13.08	154	368323	31.46	ng	99
46) 2-Chloronaphthalene	13.12	162	276058	30.67	ng	99
47) 2-Nitroaniline	13.33	65	76954	31.34	ng	100
48) Acenaphthylene	13.97	152	473561	30.04	ng	99
49) Dimethylphthalate	13.72	163	368418	33.03	ng	99
50) 2,6-Dinitrotoluene	13.84	165	83640	30.56	ng	97
51) Acenaphthene	14.31	154	285560	30.18	ng	98
52) 3-Nitroaniline	14.17	138	51601	15.60	ng	98
53) 2,4-Dinitrophenol	14.39	184	56577	42.01	ng	95
54) Dibenzofuran	14.65	168	417402	31.28	ng	99
55) 4-Nitrophenol	14.51	139	153766	62.04	ng	96
56) 2,4-Dinitrotoluene	14.63	165	114905	30.65	ng	99
57) Fluorene	15.30	166	358466	30.73	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.88	232	64809	31.19	ng	98
59) Diethylphthalate	15.08	149	348471	29.98	ng	98
60) 4-Chlorophenyl-phenylether	15.30	204	147191	30.21	ng	99
61) 4-Nitroaniline	15.34	138	104075	28.44	ng	96
62) Azobenzene	15.58	77	348725	32.85	ng	98
64) 4,6-Dinitro-2-methylphenol	15.40	198	53203	26.12	ng	94
65) n-Nitrosodiphenylamine	15.51	169	317064	30.73	ng	100
66) 4-Bromophenyl-phenylether	16.19	248	77255	30.72	ng	97
67) Hexachlorobenzene	16.30	284	79764	30.84	ng	97
68) Atrazine	16.47	200	96799	34.95	ng	99
69) Pentachlorophenol	16.65	266	77919	62.04	ng	96
70) Phenanthrene	17.04	178	533974	30.88	ng	99
71) Anthracene	17.12	178	536342	31.19	ng	99
72) Carbazole	17.41	167	554145	32.16	ng	99
73) Di-n-butylphthalate	17.96	149	664234	32.34	ng	100
74) Fluoranthene	19.06	202	576881	31.49	ng	99
76) Benzidine	19.25	184	192376	20.04	ng	99
77) Pyrene	19.42	202	604924	30.55	ng	99
79) Butylbenzylphthalate	20.33	149	307757	31.59	ng	97
80) Benzo(a)anthracene	21.17	228	519825	30.41	ng	98
81) 3,3'-Dichlorobenzidine	21.10	252	58215	10.45	ng	99
82) Chrysene	21.22	228	494401	30.17	ng	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	433558	32.71	ng	98
84) Di-n-octyl phthalate	21.96	149	721013	32.66	ng	100
85) Indeno(1,2,3-cd)pyrene	25.63	276	524812	29.38	ng	99
87) Benzo(b)fluoranthene	22.72	252	494448	31.92	ng	99
88) Benzo(k)fluoranthene	22.77	252	464932	30.76	ng	98
89) Benzo(a)pyrene	23.29	252	467005	32.00	ng	99
90) Dibenzo(a,h)anthracene	25.64	278	435122	30.66	ng	98
91) Benzo(g,h,i)perylene	26.32	276	441186	30.55	ng	100

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

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