Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016530.D
Acq On : 18 Apr 2015 20:48
Operator : TP/IZ
Sample : G1902-06MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SB19BMSD

Quant Time: Apr 20 04:20:24 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 03:57:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	71805	20.00	ng		0.00
21) Naphthalene-d8	10.44	136	309696	20.00	ng		0.00
38) Acenaphthene-d10	14.30	164	172237	20.00	ng		0.00
63) Phenanthrene-d10	17.04	188	354722	20.00	ng		0.00
75) Chrysene-d12	21.22	240	315088	20.00	ng		0.00
86) Perylene-d12	23.45	264	296078	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	532987	117.15	ng		0.00
7) Phenol-d6	6.85	99	736371	107.81	ng		0.00
23) Nitrobenzene-d5	8.82	82	377087	70.54	ng		0.00
41) 2,4,6-Tribromophenol	15.80	330	135735	116.53	ng		0.00
44) 2-Fluorobiphenyl	12.92	172	735828	72.74	ng		0.00
78) Terphenyl-d14	19.67	244	829246	61.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	55952	27.05	ng		97
3) Pyridine	3.52	79	152736	24.71	ng		97
4) n-Nitrosodimethylamine	3.45	42	52438	28.54	ng		97
6) Aniline	6.99	93	163931	16.81	ng		96
8) 2-Chlorophenol	7.23	128	186352	34.11	ng		95
9) Benzaldehyde	6.80	77	31042	7.76	ng		97
10) Phenol	6.88	94	237018	32.43	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	168053	28.84	ng		98
12) 1,3-Dichlorobenzene	7.55	146	171757	31.13	ng		97
13) 1,4-Dichlorobenzene	7.69	146	176043	30.76	ng		97
14) 1,2-Dichlorobenzene	8.01	146	169870	31.03	ng		99
15) Benzyl Alcohol	7.91	79	135319	28.42	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	171937	26.20	ng		95
17) 2-Methylphenol	8.12	107	155568	31.75	ng		99
18) Hexachloroethane	8.73	117	63768	29.12	ng		97
19) n-Nitroso-di-n-propylamine	8.46	70	123253	25.19	ng		98
20) 3+4-Methylphenols	8.44	107	208271	30.68	ng		99
22) Acetophenone	8.48	105	234875	32.71	ng	#	98
24) Nitrobenzene	8.86	77	174011	30.44	ng		93
25) Isophorone	9.37	82	335471	28.26	ng		98
26) 2-Nitrophenol	9.56	139	99402	37.29	ng		97
27) 2,4-Dimethylphenol	9.63	122	177103	35.66	ng		100
28) bis(2-Chloroethoxy)methane	9.86	93	208457	30.76	ng		100
29) 2,4-Dichlorophenol	10.10	162	151389	38.53	ng		99
30) 1,2,4-Trichlorobenzene	10.31	180	143943	35.09	ng		97
31) Naphthalene	10.49	128	523501	32.44	ng		100
33) 4-Chloroaniline	10.61	127	147472	19.47	ng		98
34) Hexachlorobutadiene	10.78	225	60226	33.42	ng		99
35) Caprolactam	11.37	113	77445	31.31	ng		89
36) 4-Chloro-3-methylphenol	11.75	107	176207	33.95	ng		97
37) 2-Methylnaphthalene	12.11	142	372454	32.08	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.48	216	128084	33.78	ng		99
40) Hexachlorocyclopentadiene	12.46	237	90960	52.40	ng		98
42) 2,4,6-Trichlorophenol	12.73	196	97348	34.55	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.81	196	108312	35.98	ng	97
45) 1,1'-Biphenyl	13.13	154	447505	33.87	ng	98
46) 2-Chloronaphthalene	13.18	162	339547	33.74	ng	99
47) 2-Nitroaniline	13.39	65	105844	32.63	ng	91
48) Acenaphthylene	14.02	152	578785	32.34	ng	98
49) Dimethylphthalate	13.76	163	455914	36.12	ng	99
50) 2,6-Dinitrotoluene	13.89	165	105483	34.55	ng	92
51) Acenaphthene	14.37	154	346717	32.42	ng	99
52) 3-Nitroaniline	14.22	138	98145	25.17	ng	92
53) 2,4-Dinitrophenol	14.43	184	15491	16.12	ng	93
54) Dibenzofuran	14.70	168	503348	33.92	ng	98
55) 4-Nitrophenol	14.54	139	188874	58.62	ng	97
56) 2,4-Dinitrotoluene	14.67	165	146694	35.28	ng	93
57) Fluorene	15.35	166	434073	33.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.93	232	81987	35.29	ng	94
59) Diethylphthalate	15.13	149	428296	31.87	ng	100
60) 4-Chlorophenyl-phenylether	15.34	204	175151	32.70	ng	98
61) 4-Nitroaniline	15.38	138	140787	31.81	ng	97
62) Azobenzene	15.64	77	437770	30.61	ng	99
64) 4,6-Dinitro-2-methylphenol	15.44	198	55598	24.35	ng	100
65) n-Nitrosodiphenylamine	15.57	169	396312	33.05	ng	99
66) 4-Bromophenyl-phenylether	16.24	248	90041	31.79	ng	97
67) Hexachlorobenzene	16.35	284	93180	31.65	ng	96
68) Atrazine	16.51	200	124314	37.20	ng	98
69) Pentachlorophenol	16.70	266	89025	49.53	ng	98
70) Phenanthrene	17.09	178	646748	32.42	ng	99
71) Anthracene	17.18	178	650254	32.89	ng	99
72) Carbazole	17.45	167	696883	35.12	ng	99
73) Di-n-butylphthalate	18.01	149	788069	32.45	ng	99
74) Fluoranthene	19.10	202	669910	32.58	ng	97
76) Benzidine	19.29	184	335410	25.10	ng	99
77) Pyrene	19.47	202	698361	31.83	ng	100
79) Butylbenzylphthalate	20.37	149	365501	33.91	ng	95
80) Benzo(a)anthracene	21.21	228	600125	32.23	ng	97
81) 3,3'-Dichlorobenzidine	21.15	252	142482	23.27	ng	98
82) Chrysene	21.26	228	565954	31.48	ng	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	515770	35.34	ng	99
84) Di-n-octyl phthalate	22.01	149	863370	36.31	ng	97
85) Indeno(1,2,3-cd)pyrene	25.73	276	619896	33.19	ng	98
87) Benzo(b)fluoranthene	22.78	252	568760	32.80	ng	97
88) Benzo(k)fluoranthene	22.83	252	542870	31.99	ng	99
89) Benzo(a)pyrene	23.36	252	547824	33.71	ng	99
90) Dibenzo(a,h)anthracene	25.74	278	517789	32.74	ng	98
91) Benzo(g,h,i)perylene	26.42	276	522257	33.06	ng	98

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

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