Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023127.D
Acq On : 16 Jul 2016 00:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 16 05:03:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	105691	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	475347	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	335227	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	796872	20.00	ng		0.00
75) Chrysene-d12	21.86	240	879874	20.00	ng		0.01
86) Perylene-d12	25.23	264	879168	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	514769	79.66	ng		0.00
7) Phenol-d6	7.31	99	806156	79.65	ng		0.00
23) Nitrobenzene-d5	9.33	82	913342	82.27	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	388204	64.43	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1743678	81.93	ng		0.00
78) Terphenyl-d14	20.15	244	2435585	89.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	98012	39.02	ng		96
3) Pyridine	3.97	79	344569	40.09	ng		96
4) n-Nitrosodimethylamine	3.89	42	152307	41.30	ng	#	96
6) Aniline	7.47	93	549761	39.19	ng		98
8) 2-Chlorophenol	7.71	128	274691	39.94	ng		95
9) Benzaldehyde	7.28	77	258525	38.23	ng		92
10) Phenol	7.34	94	416148	39.96	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	320885	38.88	ng		96
12) 1,3-Dichlorobenzene	8.04	146	330998	39.32	ng		94
13) 1,4-Dichlorobenzene	8.19	146	335514	39.81	ng		96
14) 1,2-Dichlorobenzene	8.51	146	328127	39.16	ng		94
15) Benzyl Alcohol	8.39	79	355061	38.30	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	413993	41.06	ng		93
17) 2-Methylphenol	8.59	107	257313	37.96	ng		95
18) Hexachloroethane	9.25	117	142191	39.97	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	336172	36.84	ng		98
20) 3+4-Methylphenols	8.92	107	371077	39.25	ng		91
22) Acetophenone	8.98	105	551658	38.67	ng	#	95
24) Nitrobenzene	9.37	77	476074	40.36	ng		93
25) Isophorone	9.89	82	828640	37.11	ng		98
26) 2-Nitrophenol	10.09	139	181586	39.23	ng		94
27) 2,4-Dimethylphenol	10.14	122	301642	37.70	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	482308	38.73	ng		99
29) 2,4-Dichlorophenol	10.63	162	325645	38.16	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	384389	39.31	ng		94
31) Naphthalene	11.03	128	967524	39.98	ng		99
32) Benzoic acid	10.28	122	222672	30.59	ng		96
33) 4-Chloroaniline	11.14	127	457447	38.66	ng		97
34) Hexachlorobutadiene	11.31	225	303776	38.32	ng		98
35) Caprolactam	11.91	113	111312	31.71	ng		92
36) 4-Chloro-3-methylphenol	12.25	107	416377	35.67	ng		98
37) 2-Methylnaphthalene	12.63	142	738226	38.60	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	577779	40.00	ng		98
40) Hexachlorocyclopentadiene	12.97	237	463700	55.76	ng		98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	310844	37.44	ng		94
43) 2,4,5-Trichlorophenol	13.31	196	316292	37.09	ng		97
45) 1,1'-Biphenyl	13.63	154	1044402	41.52	ng		99
46) 2-Chloronaphthalene	13.68	162	848447	41.58	ng		98
47) 2-Nitroaniline	13.88	65	356500	40.95	ng		98
48) Acenaphthylene	14.52	152	1235963	40.38	ng		99
49) Dimethylphthalate	14.25	163	1019844	37.24	ng		97
50) 2,6-Dinitrotoluene	14.37	165	227283	36.93	ng		92
51) Acenaphthene	14.86	154	798210	39.91	ng		98
52) 3-Nitroaniline	14.71	138	240829	39.24	ng		90
53) 2,4-Dinitrophenol	14.92	184	154669	36.63	ng		93
54) Dibenzofuran	15.20	168	1168048	39.02	ng		100
55) 4-Nitrophenol	15.02	139	197215	38.34	ng		96
56) 2,4-Dinitrotoluene	15.16	165	328608	36.63	ng		97
57) Fluorene	15.85	166	999509	38.79	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	296379	34.74	ng		97
59) Diethylphthalate	15.60	149	1034636	37.13	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	574193	36.59	ng		99
61) 4-Nitroaniline	15.87	138	257335	38.75	ng	#	86
62) Azobenzene	16.13	77	1127381	42.30	ng		95
64) 4,6-Dinitro-2-methylphenol	15.93	198	197395	33.33	ng		99
65) n-Nitrosodiphenylamine	16.05	169	923247	40.21	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	385882	37.22	ng		97
67) Hexachlorobenzene	16.85	284	419258	37.19	ng		98
68) Atrazine	16.99	200	385464	37.85	ng		96
69) Pentachlorophenol	17.20	266	274738	37.63	ng		94
70) Phenanthrene	17.59	178	1586226	40.62	ng		99
71) Anthracene	17.69	178	1619695	40.96	ng		99
72) Carbazole	17.96	167	1409528	41.25	ng		99
73) Di-n-butylphthalate	18.50	149	1670792	43.97	ng		99
74) Fluoranthene	19.60	202	1910199	39.86	ng		97
76) Benzidine	19.78	184	927639	36.77	ng		99
77) Pyrene	19.96	202	1975812	39.96	ng		98
79) Butylbenzylphthalate	20.83	149	840933	42.94	ng		98
80) Benzo(a)anthracene	21.84	228	1975333	40.13	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	831332	38.47	ng		98
82) Chrysene	21.91	228	1872985	40.56	ng		98
83) Bis(2-ethylhexyl)phthalate	21.71	149	1145483	42.12	ng		99
84) Di-n-octyl phthalate	22.98	149	1962203	43.27	ng		99
85) Indeno(1,2,3-cd)pyrene	29.09	276	1957312	33.24	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2087573	41.16	ng	#	97
88) Benzo(k)fluoranthene	24.23	252	1976562	41.06	ng	#	98
89) Benzo(a)pyrene	25.07	252	1985782	40.84	ng	#	98
90) Dibenzo(a,h)anthracene	29.16	278	1692918	35.08	ng	#	96
91) Benzo(g,h,i)perylene	30.31	276	1702344	35.22	ng	#	93

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

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