Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023865.D
Acq On : 23 Aug 2016 22:35
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 24 01:21:37 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	113237	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	482265	20.00	ng		-0.03
38) Acenaphthene-d10	14.76	164	310440	20.00	ng		-0.02
63) Phenanthrene-d10	17.53	188	702010	20.00	ng		-0.02
75) Chrysene-d12	21.84	240	747455	20.00	ng		-0.02
86) Perylene-d12	25.21	264	748570	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	512907	76.24	ng		-0.03
7) Phenol-d6	7.25	99	758667	72.41	ng		-0.03
23) Nitrobenzene-d5	9.27	82	810000	83.50	ng		-0.03
41) 2,4,6-Tribromophenol	16.27	330	298393	65.71	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	1551436	84.29	ng		-0.02
78) Terphenyl-d14	20.14	244	2062530	86.75	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	112533	39.26	ng		91
3) Pyridine	3.90	79	351830	37.35	ng		94
4) n-Nitrosodimethylamine	3.82	42	155759	44.60	ng	#	83
6) Aniline	7.41	93	505417	33.39	ng		98
8) 2-Chlorophenol	7.65	128	295587	38.25	ng		98
9) Benzaldehyde	7.23	77	278318	49.81	ng		94
10) Phenol	7.27	94	407612	36.36	ng		87
11) bis(2-Chloroethyl)ether	7.50	93	327772	36.66	ng		91
12) 1,3-Dichlorobenzene	7.98	146	348409	39.38	ng		94
13) 1,4-Dichlorobenzene	8.13	146	353791	39.06	ng		92
14) 1,2-Dichlorobenzene	8.45	146	338266	38.07	ng		94
15) Benzyl Alcohol	8.33	79	321581	40.51	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	493634	37.54	ng		91
17) 2-Methylphenol	8.54	107	272991	36.33	ng	#	87
18) Hexachloroethane	9.18	117	140937	41.34	ng		95
19) n-Nitroso-di-n-propylamine	8.90	70	308690	34.25	ng		98
20) 3+4-Methylphenols	8.87	107	379453	35.82	ng		95
22) Acetophenone	8.92	105	513648	38.90	ng	#	92
24) Nitrobenzene	9.31	77	468591	43.62	ng		93
25) Isophorone	9.83	82	806680	39.92	ng	#	96
26) 2-Nitrophenol	10.03	139	190978	42.12	ng	#	84
27) 2,4-Dimethylphenol	10.09	122	305183	39.53	ng		90
28) bis(2-Chloroethoxy)methane	10.32	93	434674	35.79	ng		98
29) 2,4-Dichlorophenol	10.57	162	312854	40.30	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	343915	41.08	ng		97
31) Naphthalene	10.97	128	980843	39.94	ng		99
32) Benzoic acid	10.25	122	213315	32.43	ng		96
33) 4-Chloroaniline	11.09	127	404631	34.47	ng		94
34) Hexachlorobutadiene	11.25	225	239677	43.53	ng		97
35) Caprolactam	11.87	113	107429	32.90	ng		92
36) 4-Chloro-3-methylphenol	12.22	107	384698	37.72	ng		93
37) 2-Methylnaphthalene	12.58	142	698876	37.43	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	464170	41.23	ng		99
40) Hexachlorocyclopentadiene	12.92	237	184246	32.46	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	260568	38.86	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	264633	38.33	ng	#	95
45) 1,1'-Biphenyl	13.59	154	950923	40.07	ng		98
46) 2-Chloronaphthalene	13.64	162	741795	40.41	ng		98
47) 2-Nitroaniline	13.85	65	295218	38.73	ng		95
48) Acenaphthylene	14.49	152	1164882	40.14	ng		100
49) Dimethylphthalate	14.21	163	960613	40.33	ng		99
50) 2,6-Dinitrotoluene	14.34	165	215091	38.13	ng		92
51) Acenaphthene	14.83	154	725472	39.46	ng		98
52) 3-Nitroaniline	14.68	138	223342	35.11	ng	#	80
53) 2,4-Dinitrophenol	14.89	184	127676	35.31	ng		92
54) Dibenzofuran	15.16	168	1049711	39.33	ng		94
55) 4-Nitrophenol	15.00	139	160935	32.22	ng	#	85
56) 2,4-Dinitrotoluene	15.14	165	307670	38.86	ng		94
57) Fluorene	15.81	166	913586	39.22	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	219204	34.60	ng		92
59) Diethylphthalate	15.57	149	977749	40.44	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	473910	38.45	ng		97
61) 4-Nitroaniline	15.85	138	230629	34.06	ng	#	71
62) Azobenzene	16.10	77	974607	39.77	ng		92
64) 4,6-Dinitro-2-methylphenol	15.91	198	171472	35.93	ng		93
65) n-Nitrosodiphenylamine	16.02	169	815763	39.62	ng		97
66) 4-Bromophenyl-phenylether	16.70	248	319535	39.05	ng		97
67) Hexachlorobenzene	16.83	284	338588	37.83	ng		95
68) Atrazine	16.97	200	312261	39.49	ng		96
69) Pentachlorophenol	17.18	266	164819	31.58	ng		96
70) Phenanthrene	17.57	178	1433490	40.24	ng		100
71) Anthracene	17.66	178	1466766	40.94	ng		99
72) Carbazole	17.94	167	1294200	41.14	ng		98
73) Di-n-butylphthalate	18.47	149	1596744	51.09	ng	#	97
74) Fluoranthene	19.59	202	1679879	51.37	ng		95
76) Benzidine	19.76	184	889176	42.79	ng		99
77) Pyrene	19.95	202	1699293	38.96	ng		98
79) Butylbenzylphthalate	20.82	149	769630	42.76	ng		95
80) Benzo(a)anthracene	21.82	228	1640274	39.75	ng		96
81) 3,3'-Dichlorobenzidine	21.73	252	639913	37.81	ng	#	98
82) Chrysene	21.89	228	1570786	40.01	ng		100
83) Bis(2-ethylhexyl)phthalate	21.69	149	1057542	42.91	ng		99
84) Di-n-octyl phthalate	22.96	149	1792776	42.62	ng		99
85) Indeno(1,2,3-cd)pyrene	29.09	276	1943302	39.62	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	1681921	39.93	ng	#	97
88) Benzo(k)fluoranthene	24.21	252	1639183	40.52	ng	#	96
89) Benzo(a)pyrene	25.06	252	1633730	40.79	ng	#	96
90) Dibenzo(a,h)anthracene	29.14	278	1650285	40.33	ng	#	96
91) Benzo(g,h,i)perylene	30.31	276	1616646	39.23	ng	#	93

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

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