Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022699.D
Acq On : 29 Jun 2016 18:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 30 04:34:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	126891	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	588354	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	480454	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1205092	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1324596	20.00	ng	0.00
86) Perylene-d12	25.19	264	1412959	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	606571	76.67	ng	0.00
7) Phenol-d6	7.30	99	942905	84.56	ng	0.00
23) Nitrobenzene-d5	9.33	82	1086737	78.18	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	641585	84.90	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2267386	74.84	ng	0.00
78) Terphenyl-d14	20.15	244	3253078	65.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	124018	38.68	ng	# 89
3) Pyridine	3.98	79	425654	47.46	ng	95
4) n-Nitrosodimethylamine	3.89	42	187581	36.56	ng	93
6) Aniline	7.48	93	674998	45.66	ng	95
8) 2-Chlorophenol	7.72	128	336276	41.04	ng	98
9) Benzaldehyde	7.29	77	204885	52.21	ng	90
10) Phenol	7.33	94	500312	42.45	ng	94
11) bis(2-Chloroethyl)ether	7.57	93	384714	39.65	ng	98
12) 1,3-Dichlorobenzene	8.05	146	391500	39.26	ng	94
13) 1,4-Dichlorobenzene	8.20	146	398528	39.86	ng	95
14) 1,2-Dichlorobenzene	8.52	146	379364	39.90	ng	94
15) Benzyl Alcohol	8.39	79	485366	47.04	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	434594	40.50	ng	97
17) 2-Methylphenol	8.59	107	338328	43.55	ng	94
18) Hexachloroethane	9.25	117	161541	39.04	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	423572	45.61	ng	96
20) 3+4-Methylphenols	8.92	107	476159	44.50	ng	96
22) Acetophenone	8.98	105	682514	40.13	ng	96
24) Nitrobenzene	9.38	77	585860	38.13	ng	97
25) Isophorone	9.90	82	1114717	41.31	ng	98
26) 2-Nitrophenol	10.09	139	227915	41.18	ng	89
27) 2,4-Dimethylphenol	10.14	122	408017	38.59	ng	89
28) bis(2-Chloroethoxy)methane	10.38	93	592411	40.21	ng	99
29) 2,4-Dichlorophenol	10.63	162	430183	41.76	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	476925	38.99	ng	99
31) Naphthalene	11.04	128	1152836	38.98	ng	97
32) Benzoic acid	10.28	122	295944	43.37	ng	95
33) 4-Chloroaniline	11.14	127	583544	45.81	ng	99
34) Hexachlorobutadiene	11.32	225	374487	39.39	ng	94
35) Caprolactam	11.92	113	169889	52.35	ng	94
36) 4-Chloro-3-methylphenol	12.25	107	575424	45.50	ng	99
37) 2-Methylnaphthalene	12.63	142	969064	42.25	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	659283	36.35	ng	98
40) Hexachlorocyclopentadiene	12.97	237	512048	35.36	ng	90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	456924	39.28	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	480670	39.49	ng		95
45) 1,1'-Biphenyl	13.63	154	1339754	36.61	ng		95
46) 2-Chloronaphthalene	13.68	162	1082423	35.94	ng		96
47) 2-Nitroaniline	13.88	65	444048	38.20	ng		95
48) Acenaphthylene	14.52	152	1664322	38.10	ng		98
49) Dimethylphthalate	14.25	163	1534744	38.51	ng		97
50) 2,6-Dinitrotoluene	14.37	165	344107	39.73	ng		90
51) Acenaphthene	14.86	154	1128047	35.06	ng		97
52) 3-Nitroaniline	14.71	138	329214	40.63	ng		90
53) 2,4-Dinitrophenol	14.90	184	229141	42.96	ng		92
54) Dibenzofuran	15.20	168	1774349	38.07	ng		98
55) 4-Nitrophenol	15.00	139	279403	40.77	ng		95
56) 2,4-Dinitrotoluene	15.16	165	496893	41.42	ng		92
57) Fluorene	15.85	166	1452153	39.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	525115	41.62	ng	#	100
59) Diethylphthalate	15.61	149	1594877	38.92	ng		95
60) 4-Chlorophenyl-phenylether	15.83	204	889529	40.17	ng		97
61) 4-Nitroaniline	15.87	138	341063	40.79	ng		92
62) Azobenzene	16.13	77	1669511	37.62	ng		95
64) 4,6-Dinitro-2-methylphenol	15.92	198	325902	40.32	ng		89
65) n-Nitrosodiphenylamine	16.05	169	1371943	39.12	ng		96
66) 4-Bromophenyl-phenylether	16.74	248	626567	40.08	ng		91
67) Hexachlorobenzene	16.86	284	660262	39.94	ng		97
68) Atrazine	17.00	200	596981	40.32	ng		100
69) Pentachlorophenol	17.20	266	467646	41.11	ng		99
70) Phenanthrene	17.60	178	2320966	37.77	ng		93
71) Anthracene	17.69	178	2380012	37.63	ng		96
72) Carbazole	17.95	167	2052693	38.29	ng		97
73) Di-n-butylphthalate	18.50	149	2266352	36.30	ng		98
74) Fluoranthene	19.60	202	2674326	37.77	ng		96
76) Benzidine	19.78	184	1055243	74.83	ng		98
77) Pyrene	19.96	202	2694226	38.19	ng		94
79) Butylbenzylphthalate	20.83	149	1149365	37.63	ng		98
80) Benzo(a)anthracene	21.82	228	2939815	40.11	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	1222684	40.39	ng		98
82) Chrysene	21.89	228	2727802m	39.60	ng		
83) Bis(2-ethylhexyl)phthalate	21.70	149	1588596	36.94	ng		97
84) Di-n-octyl phthalate	22.95	149	2611131	36.84	ng		98
85) Indeno(1,2,3-cd)pyrene	29.02	276	3755988	41.50	ng	#	100
87) Benzo(b)fluoranthene	24.12	252	3281657	38.63	ng		97
88) Benzo(k)fluoranthene	24.19	252	3067210	38.19	ng	#	93
89) Benzo(a)pyrene	25.03	252	3170566	38.28	ng		98
90) Dibenzo(a,h)anthracene	29.09	278	3087699	39.60	ng	#	94
91) Benzo(g,h,i)perylene	30.23	276	3140382	39.57	ng	#	96

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

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