Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024067.D
Acq On : 22 Sep 2016 2:03
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 22 07:47:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 19:01:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	69714	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	290879	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	184606	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	417628	20.00	ng		0.00
75) Chrysene-d12	21.81	240	435331	20.00	ng		0.00
86) Perylene-d12	25.15	264	403382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	335119	84.40	ng		0.00
7) Phenol-d6	7.23	99	499383	81.70	ng		0.00
23) Nitrobenzene-d5	9.23	82	583545	89.56	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	220595	66.32	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1054270	81.88	ng		0.00
78) Terphenyl-d14	20.10	244	1519738	79.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	64491	39.38	ng		97
3) Pyridine	3.87	79	197451	40.12	ng		96
4) n-Nitrosodimethylamine	3.78	42	97864	37.72	ng	#	90
6) Aniline	7.38	93	326479	40.24	ng		99
8) 2-Chlorophenol	7.62	128	177353	38.55	ng		96
9) Benzaldehyde	7.19	77	161624	37.21	ng		90
10) Phenol	7.25	94	259792	40.40	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	189741	37.50	ng		91
12) 1,3-Dichlorobenzene	7.94	146	208757	38.77	ng		99
13) 1,4-Dichlorobenzene	8.09	146	212030	37.17	ng		96
14) 1,2-Dichlorobenzene	8.41	146	206983	38.66	ng		93
15) Benzyl Alcohol	8.30	79	219606	40.75	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	255802	37.72	ng		94
17) 2-Methylphenol	8.51	107	168876	38.98	ng		93
18) Hexachloroethane	9.13	117	86914	39.57	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	194639	36.05	ng		97
20) 3+4-Methylphenols	8.85	107	233684	38.71	ng		91
22) Acetophenone	8.89	105	313080	41.57	ng	#	96
24) Nitrobenzene	9.28	77	309366	44.16	ng		94
25) Isophorone	9.80	82	504329	39.92	ng		99
26) 2-Nitrophenol	10.00	139	110047	41.32	ng		96
27) 2,4-Dimethylphenol	10.06	122	179957	39.75	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	267776	41.97	ng		98
29) 2,4-Dichlorophenol	10.54	162	200499	41.80	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	223653	42.52	ng		99
31) Naphthalene	10.94	128	585438	39.06	ng		99
32) Benzoic acid	10.24	122	119021	32.38	ng		93
33) 4-Chloroaniline	11.06	127	234935	37.54	ng		95
34) Hexachlorobutadiene	11.21	225	175545	44.43	ng		97
35) Caprolactam	11.85	113	58223	34.44	ng	#	83
36) 4-Chloro-3-methylphenol	12.20	107	244536	38.16	ng		99
37) 2-Methylnaphthalene	12.55	142	415602	36.45	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	284315	46.40	ng		99
40) Hexachlorocyclopentadiene	12.88	237	20630	12.17	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	175741	42.98	ng		98
43) 2,4,5-Trichlorophenol	13.25	196	173965	42.09	ng		92
45) 1,1'-Biphenyl	13.55	154	601108	40.48	ng		98
46) 2-Chloronaphthalene	13.61	162	448299	41.12	ng		96
47) 2-Nitroaniline	13.82	65	196036	45.65	ng		97
48) Acenaphthylene	14.45	152	701279	38.59	ng		99
49) Dimethylphthalate	14.17	163	572596	36.17	ng		99
50) 2,6-Dinitrotoluene	14.31	165	128706	38.52	ng		98
51) Acenaphthene	14.79	154	424364	37.78	ng		97
52) 3-Nitroaniline	14.65	138	126860	40.59	ng	#	86
53) 2,4-Dinitrophenol	14.89	184	14885	12.11	ng		97
54) Dibenzofuran	15.13	168	658104	37.53	ng		99
55) 4-Nitrophenol	15.00	139	85111	34.22	ng	#	81
56) 2,4-Dinitrotoluene	15.11	165	175439	35.72	ng	#	82
57) Fluorene	15.78	166	546438	35.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	152059	36.24	ng		94
59) Diethylphthalate	15.54	149	591113	34.98	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	295559	36.11	ng		94
61) 4-Nitroaniline	15.83	138	122999	38.93	ng		96
62) Azobenzene	16.07	77	628772	38.42	ng		92
64) 4,6-Dinitro-2-methylphenol	15.88	198	35846	12.36	ng		94
65) n-Nitrosodiphenylamine	15.99	169	490525	41.35	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	206339	40.61	ng		98
67) Hexachlorobenzene	16.79	284	226316	37.98	ng		98
68) Atrazine	16.94	200	202842	39.75	ng		98
69) Pentachlorophenol	17.15	266	107975	34.12	ng		95
70) Phenanthrene	17.54	178	867003	39.91	ng		97
71) Anthracene	17.63	178	882273	39.81	ng		98
72) Carbazole	17.91	167	787459	39.16	ng		97
73) Di-n-butylphthalate	18.44	149	982775	40.96	ng		96
74) Fluoranthene	19.56	202	1032267	39.46	ng		95
76) Benzidine	19.74	184	569144	42.22	ng		99
77) Pyrene	19.91	202	1041081	38.88	ng		95
79) Butylbenzylphthalate	20.79	149	438911	42.52	ng		99
80) Benzo(a)anthracene	21.79	228	999577	41.02	ng		93
81) 3,3'-Dichlorobenzidine	21.69	252	408086	41.90	ng	#	97
82) Chrysene	21.85	228	967278	41.70	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	615125	43.53	ng	#	96
84) Di-n-octyl phthalate	22.90	149	1042404	44.98	ng		99
85) Indeno(1,2,3-cd)pyrene	29.00	276	807650	31.45	ng	#	100
87) Benzo(b)fluoranthene	24.09	252	943161	41.16	ng		100
88) Benzo(k)fluoranthene	24.16	252	1010272	44.46	ng	#	98
89) Benzo(a)pyrene	24.99	252	914705	42.04	ng	#	98
90) Dibenzo(a,h)anthracene	29.04	278	718848	33.59	ng	#	98
91) Benzo(g,h,i)perylene	30.21	276	608641m	29.57	ng		

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

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