Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024721.D
Acq On : 5 Nov 2016 20:25
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Nov 06 23:50:49 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	95694	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	375712	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	279444	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	648044	20.00	ng		0.00
75) Chrysene-d12	21.92	240	925204	20.00	ng		0.00
86) Perylene-d12	25.35	264	983656	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	483587	82.83	ng		0.00
7) Phenol-d6	7.40	99	691997	86.40	ng		0.00
23) Nitrobenzene-d5	9.44	82	707697	85.76	ng		0.00
41) 2,4,6-Tribromophenol	16.36	330	370670	88.79	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1451135	86.31	ng		0.00
78) Terphenyl-d14	20.21	244	2559848	82.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	103203	43.27	ng		87
3) Pyridine	4.07	79	295095	41.32	ng		90
4) n-Nitrosodimethylamine	3.99	42	151978	41.11	ng	#	86
6) Aniline	7.59	93	414221	40.83	ng		95
8) 2-Chlorophenol	7.82	128	251264	42.33	ng		98
9) Benzaldehyde	7.40	77	191756	38.74	ng		93
10) Phenol	7.43	94	349721	42.36	ng		98
11) bis(2-Chloroethyl)ether	7.68	93	259348	41.82	ng		88
12) 1,3-Dichlorobenzene	8.15	146	303291	41.27	ng		94
13) 1,4-Dichlorobenzene	8.30	146	311524	42.92	ng		97
14) 1,2-Dichlorobenzene	8.62	146	287786	41.24	ng		98
15) Benzyl Alcohol	8.50	79	310121	41.63	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.79	45	464903	40.40	ng		99
17) 2-Methylphenol	8.70	107	232619	42.52	ng		95
18) Hexachloroethane	9.36	117	119929	42.98	ng		91
19) n-Nitroso-di-n-propylamine	9.07	70	233924	39.63	ng		90
20) 3+4-Methylphenols	9.02	107	319267	43.47	ng		95
22) Acetophenone	9.09	105	398236	41.26	ng		93
24) Nitrobenzene	9.48	77	385624	42.01	ng		98
25) Isophorone	10.00	82	605554	39.45	ng	#	98
26) 2-Nitrophenol	10.20	139	153389	45.02	ng		95
27) 2,4-Dimethylphenol	10.24	122	254870	42.73	ng		93
28) bis(2-Chloroethoxy)methane	10.48	93	319923	40.28	ng		98
29) 2,4-Dichlorophenol	10.73	162	272414	43.51	ng		98
30) 1,2,4-Trichlorobenzene	10.95	180	316219	42.58	ng		95
31) Naphthalene	11.14	128	794515	42.40	ng		98
32) Benzoic acid	10.37	122	183969	37.03	ng	#	91
33) 4-Chloroaniline	11.25	127	342055	42.04	ng		94
34) Hexachlorobutadiene	11.41	225	249799	42.97	ng		98
35) Caprolactam	12.02	113	92795	40.48	ng	#	79
36) 4-Chloro-3-methylphenol	12.34	107	315288	41.71	ng		98
37) 2-Methylnaphthalene	12.73	142	567058	41.47	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	404483	42.92	ng		98
40) Hexachlorocyclopentadiene	13.06	237	206490	38.90	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	259645	45.83	ng		87
43) 2,4,5-Trichlorophenol	13.39	196	273490	44.65	ng		96
45) 1,1'-Biphenyl	13.72	154	832421	42.93	ng		93
46) 2-Chloronaphthalene	13.77	162	623897	42.25	ng		96
47) 2-Nitroaniline	13.97	65	259100	42.86	ng		96
48) Acenaphthylene	14.61	152	950419	41.97	ng		98
49) Dimethylphthalate	14.33	163	811018	40.88	ng		98
50) 2,6-Dinitrotoluene	14.46	165	182479	43.09	ng		89
51) Acenaphthene	14.95	154	650326	38.52	ng		97
52) 3-Nitroaniline	14.79	138	192243	43.87	ng		99
53) 2,4-Dinitrophenol	14.99	184	128491	41.87	ng		96
54) Dibenzofuran	15.28	168	983206	42.13	ng		94
55) 4-Nitrophenol	15.08	139	160961	42.16	ng	#	79
56) 2,4-Dinitrotoluene	15.24	165	276489	44.93	ng	#	94
57) Fluorene	15.92	166	817341	42.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	278099	43.79	ng	#	92
59) Diethylphthalate	15.67	149	822221	39.53	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	458430	42.21	ng		98
61) 4-Nitroaniline	15.95	138	224988	46.99	ng		94
62) Azobenzene	16.20	77	827759	39.90	ng		97
64) 4,6-Dinitro-2-methylphenol	15.99	198	171798	38.48	ng		96
65) n-Nitrosodiphenylamine	16.12	169	720344	40.66	ng		98
66) 4-Bromophenyl-phenylether	16.80	248	338365	43.01	ng		99
67) Hexachlorobenzene	16.92	284	374786	43.12	ng	#	88
68) Atrazine	17.06	200	301691	39.70	ng		99
69) Pentachlorophenol	17.26	266	233294	40.67	ng		96
70) Phenanthrene	17.67	178	1382352	41.85	ng		96
71) Anthracene	17.76	178	1406172	42.20	ng		96
72) Carbazole	18.03	167	1313964	43.23	ng		99
73) Di-n-butylphthalate	18.55	149	1471636	42.00	ng		97
74) Fluoranthene	19.66	202	1881884	45.07	ng		96
76) Benzidine	19.84	184	782874	35.91	ng		99
77) Pyrene	20.03	202	1912598	42.29	ng		98
79) Butylbenzylphthalate	20.88	149	808250	42.86	ng		97
80) Benzo(a)anthracene	21.90	228	2141590	42.14	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	841662	41.05	ng		100
82) Chrysene	21.97	228	2056281	42.48	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1112171	41.23	ng	#	98
84) Di-n-octyl phthalate	23.03	149	1926422	43.04	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.29	276	2676201	40.05	ng	#	98
87) Benzo(b)fluoranthene	24.26	252	2222768	41.81	ng		97
88) Benzo(k)fluoranthene	24.33	252	2207590	42.99	ng		97
89) Benzo(a)pyrene	25.19	252	2164086	41.65	ng		98
90) Dibenzo(a,h)anthracene	29.37	278	2271945	39.84	ng		98
91) Benzo(g,h,i)perylene	30.54	276	2254982	39.58	ng		97

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

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