Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023909.D
Acq On : 26 Aug 2016 00:51
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
8/26/2016 5:56:08 PM

Quant Time: Aug 26 01:50:32 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 24 17:42:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	211097	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	934094	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	609675	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	1362012	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1353646	20.00	ng		0.00
86) Perylene-d12	25.23	264	1363145	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	969296	77.29	ng		0.00
7) Phenol-d6	7.26	99	1447237	74.09	ng		0.00
23) Nitrobenzene-d5	9.28	82	1553827	82.70	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	604810	67.82	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	2714331	75.09	ng		0.00
78) Terphenyl-d14	20.14	244	3287854	73.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	192794	36.08	ng	#	93
3) Pyridine	3.91	79	616915	35.13	ng		95
4) n-Nitrosodimethylamine	3.82	42	294985	45.31	ng	#	91
6) Aniline	7.41	93	963668	34.15	ng		99
8) 2-Chlorophenol	7.66	128	583898	40.53	ng		99
9) Benzaldehyde	7.23	77	501621	47.38	ng		92
10) Phenol	7.29	94	813894	38.95	ng		87
11) bis(2-Chloroethyl)ether	7.51	93	637662	38.26	ng		90
12) 1,3-Dichlorobenzene	7.98	146	665184	40.33	ng		95
13) 1,4-Dichlorobenzene	8.12	146	664884	39.38	ng		97
14) 1,2-Dichlorobenzene	8.45	146	643603	38.85	ng		94
15) Benzyl Alcohol	8.34	79	673096	45.48	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	959369	39.14	ng		90
17) 2-Methylphenol	8.55	107	550861	39.32	ng		93
18) Hexachloroethane	9.18	117	274488	43.19	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	612294	36.44	ng		99
20) 3+4-Methylphenols	8.88	107	767418	38.86	ng		91
22) Acetophenone	8.93	105	999071	39.06	ng	#	93
24) Nitrobenzene	9.32	77	913948	43.93	ng		91
25) Isophorone	9.85	82	1585843	40.52	ng		95
26) 2-Nitrophenol	10.03	139	383116	43.63	ng	#	83
27) 2,4-Dimethylphenol	10.09	122	608002	40.66	ng		90
28) bis(2-Chloroethoxy)methane	10.32	93	836307	35.55	ng		97
29) 2,4-Dichlorophenol	10.58	162	622559	41.41	ng		100
30) 1,2,4-Trichlorobenzene	10.79	180	666121	41.08	ng		97
31) Naphthalene	10.98	128	1822498	38.32	ng		96
32) Benzoic acid	10.32	122	504184	38.15	ng		95
33) 4-Chloroaniline	11.10	127	804438	35.38	ng		97
34) Hexachlorobutadiene	11.25	225	459972	43.14	ng		96
35) Caprolactam	11.92	113	230503	36.44	ng		92
36) 4-Chloro-3-methylphenol	12.23	107	777849	39.38	ng		96
37) 2-Methylnaphthalene	12.58	142	1331156	36.81	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	897718	40.60	ng		98
40) Hexachlorocyclopentadiene	12.92	237	408875	36.67	ng		98

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	523945	39.78	ng		95
43) 2,4,5-Trichlorophenol	13.28	196	547061	40.35	ng		94
45) 1,1'-Biphenyl	13.59	154	1765972	37.89	ng		91
46) 2-Chloronaphthalene	13.64	162	1416666	39.29	ng		92
47) 2-Nitroaniline	13.86	65	610765	40.80	ng		90
48) Acenaphthylene	14.49	152	2152588	37.77	ng		95
49) Dimethylphthalate	14.22	163	1853563	39.63	ng		97
50) 2,6-Dinitrotoluene	14.35	165	440635	39.78	ng		90
51) Acenaphthene	14.83	154	1390961	38.53	ng		97
52) 3-Nitroaniline	14.69	138	452200	36.20	ng	#	79
53) 2,4-Dinitrophenol	14.90	184	351151	49.45	ng		92
54) Dibenzofuran	15.17	168	1943410	37.07	ng		98
55) 4-Nitrophenol	15.02	139	306001	31.19	ng	#	87
56) 2,4-Dinitrotoluene	15.14	165	622054	40.01	ng		97
57) Fluorene	15.82	166	1712229	37.43	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	448990	36.09	ng		92
59) Diethylphthalate	15.58	149	1845246	38.86	ng		94
60) 4-Chlorophenyl-phenylether	15.80	204	922632	38.11	ng		97
61) 4-Nitroaniline	15.87	138	451577	33.95	ng	#	71
62) Azobenzene	16.10	77	1850581	38.45	ng		94
64) 4,6-Dinitro-2-methylphenol	15.92	198	385220	41.60	ng		94
65) n-Nitrosodiphenylamine	16.03	169	1555046	38.93	ng		93
66) 4-Bromophenyl-phenylether	16.71	248	636899	40.12	ng		98
67) Hexachlorobenzene	16.83	284	676183	38.93	ng		96
68) Atrazine	16.98	200	619306	40.37	ng		98
69) Pentachlorophenol	17.19	266	324920	32.09	ng		99
70) Phenanthrene	17.58	178	2556228m	36.99	ng		
71) Anthracene	17.67	178	2605895	37.49	ng		92
72) Carbazole	17.95	167	2397022	39.27	ng		94
73) Di-n-butylphthalate	18.48	149	2779523	44.88	ng		95
74) Fluoranthene	19.59	202	2863283	43.84	ng		92
76) Benzidine	19.77	184	769846	20.46	ng		99
77) Pyrene	19.95	202	2876095	35.70	ng	#	92
79) Butylbenzylphthalate	20.83	149	1411415	43.30	ng		99
80) Benzo(a)anthracene	21.83	228	2860482	38.28	ng		97
81) 3,3'-Dichlorobenzidine	21.74	252	1133523	36.99	ng	#	95
82) Chrysene	21.90	228	2690051	37.84	ng		92
83) Bis(2-ethylhexyl)phthalate	21.69	149	1921720	43.05	ng		98
84) Di-n-octyl phthalate	22.96	149	3120857	40.97	ng		97
85) Indeno(1,2,3-cd)pyrene	29.13	276	3489485	39.28	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2954050	38.52	ng	#	93
88) Benzo(k)fluoranthene	24.23	252	2892153	39.26	ng	#	94
89) Benzo(a)pyrene	25.08	252	2890735	39.63	ng	#	96
90) Dibenzo(a,h)anthracene	29.19	278	2967810	39.83	ng	#	94
91) Benzo(g,h,i)perylene	30.34	276	2692318	35.88	ng	#	92

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

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