Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
Data File : BG022873.D
Acq On : 6 Jul 2016 11:42
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
SOHIL
7/7/2016 4:18:39 AM

Quant Time: Jul 06 15:47:26 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	115446	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	517968	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	403202	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	969775	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1051105	20.00	ng		0.01
86) Perylene-d12	25.23	264	1088533	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	561455	78.01	ng		0.00
7) Phenol-d6	7.31	99	892877	88.01	ng		0.00
23) Nitrobenzene-d5	9.33	82	964559	78.82	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	541187	85.34	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2025154	79.65	ng		0.00
78) Terphenyl-d14	20.15	244	2833337	71.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	107641	36.90	ng	#	93
3) Pyridine	3.98	79	367539	45.04	ng		95
4) n-Nitrosodimethylamine	3.89	42	159371	34.15	ng	#	99
6) Aniline	7.48	93	595354	44.26	ng		96
8) 2-Chlorophenol	7.72	128	295502	39.64	ng		95
9) Benzaldehyde	7.29	77	288279	80.74	ng		93
10) Phenol	7.34	94	459221	42.83	ng		88
11) bis(2-Chloroethyl)ether	7.57	93	336449	38.12	ng		97
12) 1,3-Dichlorobenzene	8.05	146	354143	39.04	ng		99
13) 1,4-Dichlorobenzene	8.19	146	368514	40.52	ng		94
14) 1,2-Dichlorobenzene	8.52	146	349553	40.41	ng		98
15) Benzyl Alcohol	8.39	79	390877	41.64	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	416039	42.62	ng		96
17) 2-Methylphenol	8.60	107	294439	41.66	ng		97
18) Hexachloroethane	9.25	117	150742	40.04	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	352148	41.68	ng		95
20) 3+4-Methylphenols	8.93	107	418801	43.02	ng		94
22) Acetophenone	8.99	105	602191	40.22	ng	#	94
24) Nitrobenzene	9.37	77	509469	37.67	ng	#	90
25) Isophorone	9.90	82	897517	37.78	ng		96
26) 2-Nitrophenol	10.09	139	204608	42.00	ng		87
27) 2,4-Dimethylphenol	10.14	122	340355	36.56	ng		94
28) bis(2-Chloroethoxy)methane	10.38	93	521810	40.23	ng		100
29) 2,4-Dichlorophenol	10.63	162	379577	41.85	ng		100
30) 1,2,4-Trichlorobenzene	10.84	180	444948	41.32	ng		98
31) Naphthalene	11.04	128	1072221	41.18	ng		95
32) Benzoic acid	10.29	122	311063	50.79	ng		95
33) 4-Chloroaniline	11.14	127	522333	46.58	ng		94
34) Hexachlorobutadiene	11.31	225	347154	41.48	ng		95
35) Caprolactam	11.92	113	137023	47.96	ng		97
36) 4-Chloro-3-methylphenol	12.26	107	513577	46.13	ng		95
37) 2-Methylnaphthalene	12.64	142	836095	41.41	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	707535	46.48	ng		98
40) Hexachlorocyclopentadiene	12.97	237	320895	26.41	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	406686	41.66	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	404766	39.63	ng		92
45) 1,1'-Biphenyl	13.63	154	1237553	40.29	ng		98
46) 2-Chloronaphthalene	13.68	162	982155	38.86	ng		96
47) 2-Nitroaniline	13.88	65	416686	42.71	ng		95
48) Acenaphthylene	14.53	152	1466191	40.00	ng		98
49) Dimethylphthalate	14.25	163	1242112	37.14	ng		97
50) 2,6-Dinitrotoluene	14.37	165	294452	40.51	ng		84
51) Acenaphthene	14.87	154	1088708m	40.32	ng		
52) 3-Nitroaniline	14.70	138	294688	43.33	ng		83
53) 2,4-Dinitrophenol	14.91	184	155483	34.73	ng		93
54) Dibenzofuran	15.20	168	1438926	36.79	ng		99
55) 4-Nitrophenol	15.01	139	224243	38.99	ng		96
56) 2,4-Dinitrotoluene	15.16	165	415611	41.28	ng	#	97
57) Fluorene	15.85	166	1237560	39.65	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.43	232	395074m	37.31	ng		
59) Diethylphthalate	15.60	149	1261708	36.69	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	747986	40.25	ng		94
61) 4-Nitroaniline	15.87	138	294838	42.02	ng	#	82
62) Azobenzene	16.13	77	1250959	33.59	ng		91
64) 4,6-Dinitro-2-methylphenol	15.92	198	262713	40.39	ng		95
65) n-Nitrosodiphenylamine	16.05	169	1133443	40.16	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	503050	39.98	ng		93
67) Hexachlorobenzene	16.85	284	552081	41.50	ng		99
68) Atrazine	16.99	200	480335	40.31	ng		97
69) Pentachlorophenol	17.20	266	337427	36.86	ng		99
70) Phenanthrene	17.60	178	1879406	38.00	ng		99
71) Anthracene	17.69	178	1932989	37.98	ng		99
72) Carbazole	17.96	167	1620261	37.55	ng		98
73) Di-n-butylphthalate	18.50	149	1905228	37.92	ng		99
74) Fluoranthene	19.60	202	2218946	38.95	ng		98
76) Benzidine	19.78	184	1470454	131.40	ng		96
77) Pyrene	19.96	202	2271152	40.57	ng		98
79) Butylbenzylphthalate	20.84	149	936524	38.64	ng		94
80) Benzo(a)anthracene	21.84	228	2352273	40.44	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	1021582	42.53	ng		95
82) Chrysene	21.91	228	2231688	40.83	ng		96
83) Bis(2-ethylhexyl)phthalate	21.72	149	1297547	38.03	ng		98
84) Di-n-octyl phthalate	22.98	149	2140045	38.05	ng		98
85) Indeno(1,2,3-cd)pyrene	29.09	276	2689505	37.45	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2557335	39.07	ng		98
88) Benzo(k)fluoranthene	24.23	252	2353733	38.04	ng	#	96
89) Benzo(a)pyrene	25.07	252	2398346	37.59	ng	#	97
90) Dibenzo(a,h)anthracene	29.16	278	2320940	38.64	ng	#	92
91) Benzo(g,h,i)perylene	30.31	276	2300061	37.62	ng	#	96

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

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