Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
Data File : BG023157.D
Acq On : 18 Jul 2016 11:36
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 19 01:01:02 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	122900	20.00	ng		-0.03
21) Naphthalene-d8	10.94	136	611250	20.00	ng		-0.04
38) Acenaphthene-d10	14.74	164	471052	20.00	ng		-0.05
63) Phenanthrene-d10	17.48	188	1104048	20.00	ng		-0.08
75) Chrysene-d12	21.75	240	1141765	20.00	ng		-0.10
86) Perylene-d12	25.02	264	1109719	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	590930	78.64	ng		-0.02
7) Phenol-d6	7.28	99	956074	81.23	ng		-0.02
23) Nitrobenzene-d5	9.29	82	1136390	79.61	ng		-0.04
41) 2,4,6-Tribromophenol	16.23	330	542172	64.04	ng		-0.07
44) 2-Fluorobiphenyl	13.37	172	2218620	74.19	ng		-0.05
78) Terphenyl-d14	20.07	244	3299329	96.48	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	109753	37.58	ng		94
3) Pyridine	3.96	79	405918	40.61	ng		93
4) n-Nitrosodimethylamine	3.87	42	191826	44.73	ng	#	97
6) Aniline	7.45	93	674754	41.37	ng		99
8) 2-Chlorophenol	7.69	128	344407	43.07	ng		100
9) Benzaldehyde	7.26	77	266221	33.85	ng		94
10) Phenol	7.31	94	522014	43.11	ng		94
11) bis(2-Chloroethyl)ether	7.54	93	392389	40.88	ng		96
12) 1,3-Dichlorobenzene	8.01	146	377624	38.58	ng		96
13) 1,4-Dichlorobenzene	8.16	146	394455	40.25	ng		93
14) 1,2-Dichlorobenzene	8.48	146	380267	39.03	ng		98
15) Benzyl Alcohol	8.36	79	493325	45.76	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	483014	41.20	ng		96
17) 2-Methylphenol	8.56	107	348100	44.16	ng		98
18) Hexachloroethane	9.21	117	159506	38.56	ng		89
19) n-Nitroso-di-n-propylamine	8.93	70	447759	42.20	ng		96
20) 3+4-Methylphenols	8.90	107	499121	45.40	ng		95
22) Acetophenone	8.95	105	705169	38.44	ng	#	94
24) Nitrobenzene	9.33	77	622583	41.04	ng		95
25) Isophorone	9.85	82	1164592	40.56	ng		96
26) 2-Nitrophenol	10.04	139	237558	39.91	ng		92
27) 2,4-Dimethylphenol	10.10	122	400770	38.95	ng		88
28) bis(2-Chloroethoxy)methane	10.33	93	610962	38.16	ng		100
29) 2,4-Dichlorophenol	10.58	162	440961	40.19	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	460706	36.64	ng		99
31) Naphthalene	10.98	128	1187403	38.16	ng		100
32) Benzoic acid	10.25	122	274475	29.32	ng		98
33) 4-Chloroaniline	11.09	127	609014	40.02	ng		97
34) Hexachlorobutadiene	11.26	225	356245	34.95	ng		94
35) Caprolactam	11.88	113	169576	37.56	ng		97
36) 4-Chloro-3-methylphenol	12.21	107	574348	38.27	ng		97
37) 2-Methylnaphthalene	12.58	142	977433	39.74	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	614470	30.27	ng		98
40) Hexachlorocyclopentadiene	12.92	237	395766	33.87	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	444736	38.12	ng		96
43) 2,4,5-Trichlorophenol	13.26	196	460416	38.43	ng		95
45) 1,1'-Biphenyl	13.58	154	1333234	37.72	ng		98
46) 2-Chloronaphthalene	13.63	162	1115341	38.90	ng		94
47) 2-Nitroaniline	13.83	65	485408	39.68	ng		98
48) Acenaphthylene	14.47	152	1671274	38.86	ng		98
49) Dimethylphthalate	14.19	163	1456143	37.84	ng		96
50) 2,6-Dinitrotoluene	14.32	165	334888	38.73	ng		86
51) Acenaphthene	14.81	154	1105561	39.34	ng		99
52) 3-Nitroaniline	14.65	138	350217	40.61	ng		87
53) 2,4-Dinitrophenol	14.85	184	194629	32.80	ng		95
54) Dibenzofuran	15.14	168	1722443	40.94	ng		99
55) 4-Nitrophenol	14.96	139	269900	37.34	ng		92
56) 2,4-Dinitrotoluene	15.10	165	495838	39.33	ng		96
57) Fluorene	15.78	166	1407226	38.87	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	459995	38.37	ng		97
59) Diethylphthalate	15.54	149	1505541	38.45	ng		98
60) 4-Chlorophenyl-phenylether	15.77	204	807816	36.63	ng		98
61) 4-Nitroaniline	15.81	138	355898	38.14	ng	#	80
62) Azobenzene	16.06	77	1681064	44.89	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	302789	36.90	ng		98
65) n-Nitrosodiphenylamine	15.99	169	1298728	40.83	ng		97
66) 4-Bromophenyl-phenylether	16.66	248	541564	37.70	ng		97
67) Hexachlorobenzene	16.79	284	580964	37.20	ng		98
68) Atrazine	16.93	200	542656	38.46	ng		98
69) Pentachlorophenol	17.13	266	354188	35.02	ng		96
70) Phenanthrene	17.52	178	2198774	40.64	ng		96
71) Anthracene	17.62	178	2224126	40.59	ng		96
72) Carbazole	17.88	167	1940808	41.00	ng		99
73) Di-n-butylphthalate	18.42	149	2266289	43.05	ng		98
74) Fluoranthene	19.52	202	2434820	36.67	ng		95
76) Benzidine	19.70	184	1021746	31.21	ng		99
77) Pyrene	19.88	202	2455901	38.28	ng		97
79) Butylbenzylphthalate	20.75	149	1111233	43.73	ng		99
80) Benzo(a)anthracene	21.73	228	2530204	39.61	ng		99
81) 3,3'-Dichlorobenzidine	21.63	252	1017771	36.30	ng	#	97
82) Chrysene	21.79	228	2341060	39.07	ng		95
83) Bis(2-ethylhexyl)phthalate	21.60	149	1515160	42.94	ng		99
84) Di-n-octyl phthalate	22.83	149	2476013	42.07	ng		100
85) Indeno(1,2,3-cd)pyrene	28.77	276	2758127	36.10	ng	#	100
87) Benzo(b)fluoranthene	23.98	252	2665443	41.63	ng	#	97
88) Benzo(k)fluoranthene	24.05	252	2503341	41.20	ng	#	98
89) Benzo(a)pyrene	24.87	252	2556861	41.66	ng	#	97
90) Dibenzo(a,h)anthracene	28.84	278	2286656	37.54	ng	#	94
91) Benzo(g,h,i)perylene	29.96	276	2231932	36.59	ng	#	96

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

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