Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023018.D
Acq On : 12 Jul 2016 2:38
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 12 03:57:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	97711	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	493786	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	378854	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	857403	20.00	ng		0.00
75) Chrysene-d12	21.87	240	831215	20.00	ng		0.02
86) Perylene-d12	25.25	264	863910	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	470979	78.83	ng		0.00
7) Phenol-d6	7.31	99	785257	83.92	ng		0.00
23) Nitrobenzene-d5	9.33	82	899202	77.98	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	448000	65.80	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1897502	78.89	ng		0.00
78) Terphenyl-d14	20.16	244	2382274	95.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	87035	37.48	ng		95
3) Pyridine	3.97	79	285279	35.90	ng		92
4) n-Nitrosodimethylamine	3.89	42	130435	38.26	ng	#	90
6) Aniline	7.47	93	517273	39.89	ng		95
8) 2-Chlorophenol	7.72	128	263451	41.44	ng		98
9) Benzaldehyde	7.28	77	255878	40.92	ng		93
10) Phenol	7.34	94	414756	43.08	ng		90
11) bis(2-Chloroethyl)ether	7.56	93	302793	39.68	ng		97
12) 1,3-Dichlorobenzene	8.04	146	304675	39.15	ng		95
13) 1,4-Dichlorobenzene	8.19	146	316416	40.61	ng		96
14) 1,2-Dichlorobenzene	8.51	146	308387	39.81	ng		96
15) Benzyl Alcohol	8.39	79	369086	43.07	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	382370	41.02	ng		94
17) 2-Methylphenol	8.60	107	265502	42.36	ng		95
18) Hexachloroethane	9.24	117	129285	39.31	ng		99
19) n-Nitroso-di-n-propylamine	8.96	70	340643	40.38	ng		96
20) 3+4-Methylphenols	8.93	107	385962	44.16	ng		92
22) Acetophenone	8.98	105	547853	36.97	ng	#	92
24) Nitrobenzene	9.37	77	466658	38.08	ng		95
25) Isophorone	9.89	82	883507	38.09	ng		97
26) 2-Nitrophenol	10.08	139	192768	40.09	ng	#	88
27) 2,4-Dimethylphenol	10.14	122	317174	38.16	ng		91
28) bis(2-Chloroethoxy)methane	10.37	93	495131	38.28	ng		98
29) 2,4-Dichlorophenol	10.63	162	368899	41.62	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	402530	39.63	ng		97
31) Naphthalene	11.04	128	997911	39.70	ng		99
32) Benzoic acid	10.28	122	292237	38.65	ng		90
33) 4-Chloroaniline	11.14	127	484709	39.43	ng		94
34) Hexachlorobutadiene	11.31	225	312053	37.90	ng		94
35) Caprolactam	11.92	113	126124	34.58	ng		93
36) 4-Chloro-3-methylphenol	12.26	107	483561	39.88	ng		99
37) 2-Methylnaphthalene	12.63	142	794702	40.00	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	656492	40.21	ng		98
40) Hexachlorocyclopentadiene	12.97	237	404453	43.03	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	363958	38.79	ng		96
43) 2,4,5-Trichlorophenol	13.31	196	374586	38.87	ng		96
45) 1,1'-Biphenyl	13.63	154	1139277	40.08	ng		95
46) 2-Chloronaphthalene	13.68	162	923874	40.07	ng		95
47) 2-Nitroaniline	13.89	65	382915	38.92	ng		93
48) Acenaphthylene	14.53	152	1364062	39.43	ng		99
49) Dimethylphthalate	14.24	163	1143138	36.94	ng		99
50) 2,6-Dinitrotoluene	14.37	165	261830	37.65	ng	#	82
51) Acenaphthene	14.87	154	883186	39.07	ng		99
52) 3-Nitroaniline	14.71	138	252907	36.47	ng	#	91
53) 2,4-Dinitrophenol	14.91	184	229478	48.09	ng		94
54) Dibenzofuran	15.20	168	1277345	37.75	ng		99
55) 4-Nitrophenol	15.02	139	190057	32.69	ng	#	90
56) 2,4-Dinitrotoluene	15.16	165	360809	35.58	ng	#	97
57) Fluorene	15.85	166	1086201	37.30	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	344094	35.69	ng	#	99
59) Diethylphthalate	15.61	149	1145333	36.37	ng		96
60) 4-Chlorophenyl-phenylether	15.84	204	641929	36.19	ng		94
61) 4-Nitroaniline	15.88	138	267566	35.66	ng	#	78
62) Azobenzene	16.13	77	1143817	37.98	ng		92
64) 4,6-Dinitro-2-methylphenol	15.93	198	231787	36.37	ng		94
65) n-Nitrosodiphenylamine	16.05	169	1004957	40.68	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	419469	37.60	ng		95
67) Hexachlorobenzene	16.85	284	464654	38.31	ng		98
68) Atrazine	17.00	200	418087	38.16	ng		97
69) Pentachlorophenol	17.21	266	266619	33.94	ng		97
70) Phenanthrene	17.60	178	1633788	38.88	ng		99
71) Anthracene	17.69	178	1673470	39.33	ng		98
72) Carbazole	17.96	167	1421696	38.67	ng		99
73) Di-n-butylphthalate	18.50	149	1692254	41.39	ng		98
74) Fluoranthene	19.61	202	1868019	36.23	ng		99
76) Benzidine	19.79	184	813779	34.15	ng		98
77) Pyrene	19.97	202	1908092	40.85	ng		98
79) Butylbenzylphthalate	20.84	149	777144	42.00	ng		94
80) Benzo(a)anthracene	21.85	228	1909225	41.05	ng		97
81) 3,3'-Dichlorobenzidine	21.75	252	820884	40.21	ng		98
82) Chrysene	21.92	228	1786940	40.96	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1076136	41.89	ng		99
84) Di-n-octyl phthalate	22.99	149	1833502	42.79	ng		99
85) Indeno(1,2,3-cd)pyrene	29.13	276	2126382	38.23	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	1936494	38.85	ng		98
88) Benzo(k)fluoranthene	24.24	252	1942267	41.06	ng	#	97
89) Benzo(a)pyrene	25.10	252	1903416	39.84	ng		95
90) Dibenzo(a,h)anthracene	29.20	278	1881739	39.68	ng	#	94
91) Benzo(g,h,i)perylene	30.34	276	1817909	38.28	ng		99

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

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