Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021004.D
Acq On : 20 Feb 2016 11:58
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 21 22:51:59 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	24971	20.00	ng		0.00
21) Naphthalene-d8	11.08	136	132549	20.00	ng		-0.01
38) Acenaphthene-d10	14.87	164	79043	20.00	ng		-0.01
63) Phenanthrene-d10	17.61	188	159662	20.00	ng		0.00
75) Chrysene-d12	21.89	240	149191	20.00	ng		-0.02
86) Perylene-d12	25.26	264	141110	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	118254	79.75	ng		0.00
7) Phenol-d6	7.41	99	182318	84.12	ng		0.00
23) Nitrobenzene-d5	9.43	82	158893	78.82	ng		0.00
41) 2,4,6-Tribromophenol	16.35	330	68715	88.40	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	455614	80.97	ng		0.00
78) Terphenyl-d14	20.19	244	524946	82.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	19283	35.77	ng		96
3) Pyridine	4.04	79	60385	37.86	ng		98
4) n-Nitrosodimethylamine	3.95	42	15477	37.09	ng		88
6) Aniline	7.58	93	109984	40.70	ng		98
8) 2-Chlorophenol	7.82	128	77767	41.98	ng		99
9) Benzaldehyde	7.39	77	40621	37.42	ng		99
10) Phenol	7.44	94	94304	41.12	ng		98
11) bis(2-Chloroethyl)ether	7.67	93	72725	39.70	ng		96
12) 1,3-Dichlorobenzene	8.15	146	79357	40.52	ng		98
13) 1,4-Dichlorobenzene	8.29	146	81342	40.96	ng		98
14) 1,2-Dichlorobenzene	8.62	146	79086	40.94	ng		98
15) Benzyl Alcohol	8.49	79	55854	40.88	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	72264	37.82	ng		98
17) 2-Methylphenol	8.69	107	69938	42.33	ng		97
18) Hexachloroethane	9.35	117	28197	41.30	ng		97
19) n-Nitroso-di-n-propylamine	9.06	70	56186	40.18	ng		97
20) 3+4-Methylphenols	9.03	107	99648	43.28	ng		96
22) Acetophenone	9.09	105	125741	39.36	ng	#	98
24) Nitrobenzene	9.48	77	81836	38.94	ng		97
25) Isophorone	10.00	82	166945	39.29	ng		98
26) 2-Nitrophenol	10.19	139	49270	44.55	ng		95
27) 2,4-Dimethylphenol	10.24	122	84285	39.77	ng		99
28) bis(2-Chloroethoxy)methane	10.47	93	102914	39.30	ng		100
29) 2,4-Dichlorophenol	10.73	162	81728	43.03	ng		97
30) 1,2,4-Trichlorobenzene	10.94	180	79627	41.62	ng		99
31) Naphthalene	11.14	128	277957	40.54	ng		100
32) Benzoic acid	10.39	122	77525	45.61	ng		99
33) 4-Chloroaniline	11.24	127	124145	42.09	ng		99
34) Hexachlorobutadiene	11.41	225	40296	41.32	ng		98
35) Caprolactam	12.02	113	31217	42.89	ng		99
36) 4-Chloro-3-methylphenol	12.34	107	92654	42.58	ng		98
37) 2-Methylnaphthalene	12.72	142	200322	41.64	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	95407	41.15	ng		98
40) Hexachlorocyclopentadiene	13.06	237	34377	33.70	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	67155	43.12	ng		99
43) 2,4,5-Trichlorophenol	13.39	196	70644	43.14	ng		99
45) 1,1'-Biphenyl	13.72	154	284485	40.80	ng		99
46) 2-Chloronaphthalene	13.76	162	202592	40.58	ng		99
47) 2-Nitroaniline	13.96	65	48586	40.64	ng		99
48) Acenaphthylene	14.60	152	357043	41.13	ng		100
49) Dimethylphthalate	14.32	163	254861	41.23	ng		99
50) 2,6-Dinitrotoluene	14.45	165	57254	43.23	ng		96
51) Acenaphthene	14.94	154	218033	41.42	ng		98
52) 3-Nitroaniline	14.77	138	65140	42.33	ng		99
53) 2,4-Dinitrophenol	14.97	184	21401	42.51	ng		91
54) Dibenzofuran	15.27	168	287606	41.31	ng		100
55) 4-Nitrophenol	15.07	139	49691	42.75	ng		97
56) 2,4-Dinitrotoluene	15.23	165	74641	43.60	ng		96
57) Fluorene	15.91	166	265260	41.38	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.49	232	53588	42.94	ng		99
59) Diethylphthalate	15.67	149	260872	41.06	ng		98
60) 4-Chlorophenyl-phenylether	15.90	204	118086	41.47	ng		95
61) 4-Nitroaniline	15.93	138	63823	41.31	ng		99
62) Azobenzene	16.20	77	194811	38.99	ng		96
64) 4,6-Dinitro-2-methylphenol	15.98	198	33411	41.96	ng		98
65) n-Nitrosodiphenylamine	16.11	169	212593	41.21	ng		98
66) 4-Bromophenyl-phenylether	16.79	248	70488	41.80	ng		99
67) Hexachlorobenzene	16.91	284	75345	41.99	ng		99
68) Atrazine	17.05	200	63123	40.32	ng		99
69) Pentachlorophenol	17.25	266	44126	42.90	ng		98
70) Phenanthrene	17.65	178	367791	40.46	ng		100
71) Anthracene	17.74	178	370396	40.15	ng		99
72) Carbazole	18.01	167	333337	40.26	ng		100
73) Di-n-butylphthalate	18.55	149	425848	40.11	ng		99
74) Fluoranthene	19.64	202	396120	40.34	ng		99
76) Benzidine	19.81	184	185790	38.51	ng		99
77) Pyrene	20.00	202	400668	40.71	ng		100
79) Butylbenzylphthalate	20.87	149	192743	40.91	ng		98
80) Benzo(a)anthracene	21.86	228	362175	40.66	ng		100
81) 3,3'-Dichlorobenzidine	21.78	252	135242	40.91	ng		99
82) Chrysene	21.94	228	335636	40.07	ng		98
83) Bis(2-ethylhexyl)phthalate	21.75	149	283114	40.53	ng		99
84) Di-n-octyl phthalate	23.01	149	467096	40.74	ng		99
85) Indeno(1,2,3-cd)pyrene	29.13	276	400012	41.53	ng	#	89
87) Benzo(b)fluoranthene	24.18	252	351106	40.66	ng		99
88) Benzo(k)fluoranthene	24.26	252	340149	40.20	ng		100
89) Benzo(a)pyrene	25.10	252	334880	40.70	ng		99
90) Dibenzo(a,h)anthracene	29.20	278	328465	41.05	ng		99
91) Benzo(g,h,i)perylene	30.34	276	326822	41.15	ng		97

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

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