Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022981.D
Acq On : 10 Jul 2016 1:29
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 11 02:32:25 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	136521	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	681172	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	495220	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1153921	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1236670	20.00	ng		0.00
86) Perylene-d12	25.20	264	1293378	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	703138	84.24	ng		0.00
7) Phenol-d6	7.31	99	1133497	86.70	ng		0.00
23) Nitrobenzene-d5	9.33	82	1246841	78.38	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	635196	71.37	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2456220	78.12	ng		0.00
78) Terphenyl-d14	20.16	244	3153982	78.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	134198	41.36	ng		95
3) Pyridine	3.97	79	459009	41.34	ng		97
4) n-Nitrosodimethylamine	3.89	42	199027	41.78	ng	#	89
6) Aniline	7.47	93	778286	42.96	ng		95
8) 2-Chlorophenol	7.72	128	391601	44.08	ng		98
9) Benzaldehyde	7.28	77	354400	40.57	ng		95
10) Phenol	7.34	94	585666	43.54	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	441746	41.43	ng		90
12) 1,3-Dichlorobenzene	8.04	146	449912	41.38	ng		99
13) 1,4-Dichlorobenzene	8.19	146	451248	41.45	ng		97
14) 1,2-Dichlorobenzene	8.51	146	451009	41.67	ng		95
15) Benzyl Alcohol	8.39	79	518691	43.32	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	564677	43.36	ng		94
17) 2-Methylphenol	8.60	107	367294	41.94	ng		94
18) Hexachloroethane	9.24	117	188889	41.11	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	488448	41.44	ng		95
20) 3+4-Methylphenols	8.93	107	544528	44.59	ng		97
22) Acetophenone	8.98	105	788445	38.57	ng	#	94
24) Nitrobenzene	9.37	77	666641	39.44	ng		93
25) Isophorone	9.89	82	1196807	37.41	ng		96
26) 2-Nitrophenol	10.08	139	271305	40.90	ng	#	88
27) 2,4-Dimethylphenol	10.14	122	437062	38.12	ng		97
28) bis(2-Chloroethoxy)methane	10.37	93	689135	38.62	ng		97
29) 2,4-Dichlorophenol	10.63	162	491667	40.21	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	544593	38.86	ng		98
31) Naphthalene	11.03	128	1347293	38.85	ng		99
32) Benzoic acid	10.30	122	416871	39.96	ng		95
33) 4-Chloroaniline	11.14	127	651867	38.44	ng		96
34) Hexachlorobutadiene	11.31	225	430431	37.89	ng		96
35) Caprolactam	11.92	113	179474	35.67	ng		94
36) 4-Chloro-3-methylphenol	12.26	107	638907	38.20	ng		94
37) 2-Methylnaphthalene	12.63	142	1062474	38.77	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	878233	41.15	ng		99
40) Hexachlorocyclopentadiene	12.97	237	433746	35.31	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	501793	40.91	ng		95
43) 2,4,5-Trichlorophenol	13.30	196	513856	40.79	ng		96
45) 1,1'-Biphenyl	13.63	154	1531104	41.21	ng		95
46) 2-Chloronaphthalene	13.67	162	1216794	40.37	ng		95
47) 2-Nitroaniline	13.88	65	524518	40.78	ng		92
48) Acenaphthylene	14.52	152	1789412	39.58	ng		99
49) Dimethylphthalate	14.24	163	1523625	37.66	ng		96
50) 2,6-Dinitrotoluene	14.37	165	355626	39.12	ng		90
51) Acenaphthene	14.86	154	1179733	39.93	ng		99
52) 3-Nitroaniline	14.70	138	349246	38.53	ng		89
53) 2,4-Dinitrophenol	14.91	184	188573	30.23	ng		90
54) Dibenzofuran	15.20	168	1694591	38.32	ng		99
55) 4-Nitrophenol	15.01	139	270986	35.66	ng		94
56) 2,4-Dinitrotoluene	15.16	165	504435	38.06	ng	#	91
57) Fluorene	15.85	166	1451449	38.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	475649	37.74	ng	#	97
59) Diethylphthalate	15.60	149	1511388	36.72	ng		95
60) 4-Chlorophenyl-phenylether	15.83	204	874890	37.74	ng		97
61) 4-Nitroaniline	15.87	138	368116	37.53	ng	#	85
62) Azobenzene	16.12	77	1545011	39.24	ng		94
64) 4,6-Dinitro-2-methylphenol	15.92	198	337393	39.34	ng		99
65) n-Nitrosodiphenylamine	16.05	169	1357238	40.82	ng		95
66) 4-Bromophenyl-phenylether	16.73	248	593946	39.56	ng		97
67) Hexachlorobenzene	16.85	284	652565	39.98	ng		97
68) Atrazine	17.00	200	578364	39.22	ng		97
69) Pentachlorophenol	17.20	266	405864	38.39	ng		99
70) Phenanthrene	17.60	178	2212960	39.13	ng		96
71) Anthracene	17.69	178	2243746	39.18	ng		97
72) Carbazole	17.96	167	1942531	39.26	ng		98
73) Di-n-butylphthalate	18.50	149	2256325	41.00	ng		98
74) Fluoranthene	19.60	202	2593362	37.37	ng		95
76) Benzidine	19.78	184	1359799	38.35	ng		99
77) Pyrene	19.97	202	2653811	38.19	ng		96
79) Butylbenzylphthalate	20.83	149	1156043	42.00	ng		97
80) Benzo(a)anthracene	21.83	228	2757120	39.85	ng		97
81) 3,3'-Dichlorobenzidine	21.74	252	1208537	39.79	ng	#	95
82) Chrysene	21.89	228	2643672	40.73	ng		96
83) Bis(2-ethylhexyl)phthalate	21.71	149	1580398	41.35	ng		95
84) Di-n-octyl phthalate	22.96	149	2601603	40.81	ng		100
85) Indeno(1,2,3-cd)pyrene	29.04	276	3283208	39.68	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	2942403	39.43	ng	#	97
88) Benzo(k)fluoranthene	24.20	252	2895203	40.88	ng	#	94
89) Benzo(a)pyrene	25.04	252	2837503	39.67	ng	#	97
90) Dibenzo(a,h)anthracene	29.12	278	2845314	40.08	ng	#	90
91) Benzo(g,h,i)perylene	30.26	276	2832932	39.85	ng	#	96

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

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