Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
Data File : BG022485.D
Acq On : 22 Jun 2016 4:14
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 22 13:49:51 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 02:15:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	24142	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	136141	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	79723	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	170201	20.00	ng		0.00
75) Chrysene-d12	21.64	240	152138	20.00	ng		0.00
86) Perylene-d12	24.84	264	134018	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	109977	88.08	ng		0.00
7) Phenol-d6	7.17	99	173862	88.56	ng		0.00
23) Nitrobenzene-d5	9.16	82	166254	85.14	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	50925	56.53	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	433753	82.91	ng		0.00
78) Terphenyl-d14	19.98	244	523284	81.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	24293	40.58	ng	#	84
3) Pyridine	3.75	79	71402	44.13	ng		97
4) n-Nitrosodimethylamine	3.67	42	15986	44.19	ng	#	93
6) Aniline	7.31	93	109984m	44.10	ng		
8) 2-Chlorophenol	7.55	128	72161	41.81	ng	#	80
9) Benzaldehyde	7.12	77	38848	35.95	ng	#	78
10) Phenol	7.20	94	89173	44.06	ng		81
11) bis(2-Chloroethyl)ether	7.40	93	75969	47.07	ng	#	73
12) 1,3-Dichlorobenzene	7.87	146	73671	39.82	ng	#	89
13) 1,4-Dichlorobenzene	8.02	146	74525	40.43	ng		92
14) 1,2-Dichlorobenzene	8.34	146	74174	39.92	ng		99
15) Benzyl Alcohol	8.24	79	52766	41.60	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.52	45	78551	46.91	ng		83
17) 2-Methylphenol	8.45	107	67291	44.55	ng	#	89
18) Hexachloroethane	9.06	117	28443	42.26	ng		89
19) n-Nitroso-di-n-propylamine	8.79	70	60068	45.20	ng	#	69
20) 3+4-Methylphenols	8.78	107	91140	42.07	ng		96
22) Acetophenone	8.82	105	120705	41.14	ng	#	81
24) Nitrobenzene	9.21	77	83858	42.70	ng	#	83
25) Isophorone	9.72	82	182031	39.84	ng	#	92
26) 2-Nitrophenol	9.92	139	45428	42.66	ng	#	73
27) 2,4-Dimethylphenol	9.99	122	79205	41.10	ng		90
28) bis(2-Chloroethoxy)methane	10.20	93	112423	42.95	ng		95
29) 2,4-Dichlorophenol	10.47	162	70524	39.50	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	73610	36.90	ng		92
31) Naphthalene	10.85	128	264877	38.98	ng	#	95
32) Benzoic acid	10.15	122	24392	40.26	ng	#	87
33) 4-Chloroaniline	10.98	127	109821	38.87	ng	#	89
34) Hexachlorobutadiene	11.13	225	35657	33.29	ng		97
35) Caprolactam	11.75	113	33107	33.80	ng	#	43
36) 4-Chloro-3-methylphenol	12.11	107	83010	39.22	ng	#	85
37) 2-Methylnaphthalene	12.46	142	193422	38.56	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	77156	37.60	ng		97
40) Hexachlorocyclopentadiene	12.80	237	21906	24.73	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	51932	37.72	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	51831	34.08	ng		97
45) 1,1'-Biphenyl	13.47	154	251980	42.00	ng		94
46) 2-Chloronaphthalene	13.51	162	189108	41.12	ng		96
47) 2-Nitroaniline	13.73	65	45493	41.48	ng	#	56
48) Acenaphthylene	14.36	152	328819	40.75	ng		97
49) Dimethylphthalate	14.08	163	247477	37.44	ng		99
50) 2,6-Dinitrotoluene	14.22	165	55082	38.33	ng	#	78
51) Acenaphthene	14.70	154	190101	39.32	ng		96
52) 3-Nitroaniline	14.56	138	61904	38.84	ng	#	87
53) 2,4-Dinitrophenol	14.78	184	23029	44.81	ng	#	75
54) Dibenzofuran	15.03	168	300566	39.84	ng		97
55) 4-Nitrophenol	14.91	139	41022	37.29	ng	#	65
56) 2,4-Dinitrotoluene	15.01	165	76851	39.87	ng	#	85
57) Fluorene	15.68	166	250727	38.58	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	43850m	32.14	ng		
59) Diethylphthalate	15.44	149	262647	37.20	ng		99
60) 4-Chlorophenyl-phenylether	15.66	204	109520	37.21	ng		96
61) 4-Nitroaniline	15.72	138	52362m	30.98	ng		
62) Azobenzene	15.96	77	225349	42.14	ng		88
64) 4,6-Dinitro-2-methylphenol	15.78	198	30560	36.85	ng		82
65) n-Nitrosodiphenylamine	15.89	169	206391	42.10	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	60818	38.14	ng		99
67) Hexachlorobenzene	16.69	284	63150	33.97	ng		98
68) Atrazine	16.83	200	64104	35.32	ng		95
69) Pentachlorophenol	17.04	266	28018	37.21	ng		96
70) Phenanthrene	17.42	178	372643	40.31	ng		99
71) Anthracene	17.51	178	376480	41.06	ng		98
72) Carbazole	17.79	167	340732	39.24	ng		98
73) Di-n-butylphthalate	18.32	149	474164	41.77	ng		98
74) Fluoranthene	19.43	202	409817	38.56	ng		95
76) Benzidine	19.62	184	127049	31.93	ng		98
77) Pyrene	19.79	202	402353	42.54	ng		98
79) Butylbenzylphthalate	20.66	149	216039	49.25	ng	#	93
80) Benzo(a)anthracene	21.62	228	347780	40.77	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	88520	36.96	ng	#	96
82) Chrysene	21.69	228	337250	40.62	ng		99
83) Bis(2-ethylhexyl)phthalate	21.50	149	308607	47.84	ng	#	95
84) Di-n-octyl phthalate	22.69	149	521055	48.65	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.51	276	350653	37.65	ng	#	77
87) Benzo(b)fluoranthene	23.82	252	328277	42.00	ng	#	95
88) Benzo(k)fluoranthene	23.89	252	328554	42.70	ng	#	94
89) Benzo(a)pyrene	24.69	252	312752	41.85	ng	#	91
90) Dibenzo(a,h)anthracene	28.56	278	279330	39.69	ng	#	89
91) Benzo(g,h,i)perylene	29.66	276	292410	39.93	ng	#	86

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

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