Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022616\
Data File : BG021077.D
Acq On : 26 Feb 2016 13:52
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Feb 26 14:44:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 14:25:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	7583	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	36056	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	22911	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	54734	20.00	ng		0.00
75) Chrysene-d12	21.79	240	68344	20.00	ng		0.00
86) Perylene-d12	25.08	264	65095	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	36155	83.59	ng		0.00
7) Phenol-d6	7.33	99	54622	82.00	ng		0.00
23) Nitrobenzene-d5	9.35	82	62003	100.96	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	25263	92.04	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	144041	87.52	ng		0.00
78) Terphenyl-d14	20.11	244	240675	45.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	8244	73.82	ng		97
3) Pyridine	4.03	79	24484	61.90	ng		91
4) n-Nitrosodimethylamine	3.94	42	12719	78.18	ng		87
6) Aniline	7.50	93	34279	43.64	ng		93
8) 2-Chlorophenol	7.74	128	22693	43.73	ng		98
9) Benzaldehyde	7.31	77	14370	44.60	ng		94
10) Phenol	7.35	94	28038	40.34	ng		74
11) bis(2-Chloroethyl)ether	7.60	93	20933	37.53	ng		94
12) 1,3-Dichlorobenzene	8.07	146	24125	41.05	ng	#	94
13) 1,4-Dichlorobenzene	8.21	146	24807	40.44	ng		98
14) 1,2-Dichlorobenzene	8.54	146	24327	42.70	ng		97
15) Benzyl Alcohol	8.41	79	24180	53.30	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.70	45	23730	25.26	ng		85
17) 2-Methylphenol	8.61	107	20023	42.34	ng	#	90
18) Hexachloroethane	9.27	117	9830	44.63	ng	#	85
19) n-Nitroso-di-n-propylamine	8.99	70	21755	46.42	ng		92
20) 3+4-Methylphenols	8.94	107	27735	42.32	ng		92
22) Acetophenone	9.00	105	41022	49.18	ng	#	95
24) Nitrobenzene	9.39	77	32648	49.00	ng	#	91
25) Isophorone	9.91	82	58472	46.18	ng	#	97
26) 2-Nitrophenol	10.09	139	13634	46.16	ng	#	70
27) 2,4-Dimethylphenol	10.15	122	23929	44.90	ng		87
28) bis(2-Chloroethoxy)methane	10.39	93	28034	40.97	ng		95
29) 2,4-Dichlorophenol	10.63	162	22764	46.67	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	26580	50.80	ng		97
31) Naphthalene	11.04	128	75459	40.03	ng		99
32) Benzoic acid	10.30	122	22837	56.64	ng		91
33) 4-Chloroaniline	11.14	127	31732	42.05	ng	#	92
34) Hexachlorobutadiene	11.32	225	18435	63.43	ng		93
35) Caprolactam	11.94	113	8024	41.99	ng	#	78
36) 4-Chloro-3-methylphenol	12.24	107	29119	47.12	ng		89
37) 2-Methylnaphthalene	12.63	142	52927	38.57	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	34834	54.98	ng		99
40) Hexachlorocyclopentadiene	12.97	237	23267	64.88	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	22237	49.39	ng		95
43) 2,4,5-Trichlorophenol	13.29	196	23316	50.46	ng	#	95
45) 1,1'-Biphenyl	13.62	154	77117	38.80	ng		98
46) 2-Chloronaphthalene	13.67	162	58955	42.40	ng		99
47) 2-Nitroaniline	13.86	65	19847	47.30	ng	#	78
48) Acenaphthylene	14.51	152	92845	36.52	ng		99
49) Dimethylphthalate	14.24	163	79262	42.43	ng	#	98
50) 2,6-Dinitrotoluene	14.35	165	16709	43.68	ng	#	77
51) Acenaphthene	14.85	154	64923	44.41	ng		96
52) 3-Nitroaniline	14.68	138	16256	37.00	ng	#	75
53) 2,4-Dinitrophenol	14.88	184	12043	58.40	ng	#	85
54) Dibenzofuran	15.18	168	81171	39.11	ng		92
55) 4-Nitrophenol	14.97	139	14118	37.27	ng	#	55
56) 2,4-Dinitrotoluene	15.13	165	24373	44.35	ng	#	91
57) Fluorene	15.82	166	78585	40.07	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	19704	51.00	ng		94
59) Diethylphthalate	15.59	149	83338	40.70	ng		96
60) 4-Chlorophenyl-phenylether	15.82	204	43334	47.92	ng		96
61) 4-Nitroaniline	15.84	138	18066	39.27	ng	#	44
62) Azobenzene	16.11	77	72694	40.95	ng		89
64) 4,6-Dinitro-2-methylphenol	15.89	198	16929	51.06	ng		89
65) n-Nitrosodiphenylamine	16.03	169	66391	40.29	ng		93
66) 4-Bromophenyl-phenylether	16.70	248	26858	46.64	ng		92
67) Hexachlorobenzene	16.82	284	27950	44.33	ng	#	94
68) Atrazine	16.97	200	25332	49.04	ng		96
69) Pentachlorophenol	17.16	266	19259	52.93	ng		89
70) Phenanthrene	17.56	178	120377	38.88	ng		98
71) Anthracene	17.65	178	122339	39.66	ng		99
72) Carbazole	17.91	167	105792	38.06	ng		97
73) Di-n-butylphthalate	18.47	149	142007	41.93	ng	#	97
74) Fluoranthene	19.55	202	151000	48.50	ng		95
76) Benzidine	19.73	184	76395	21.97	ng		100
77) Pyrene	19.92	202	153824	19.70	ng		100
79) Butylbenzylphthalate	20.79	149	66405	24.11	ng	#	93
80) Benzo(a)anthracene	21.77	228	161196	39.33	ng		97
81) 3,3'-Dichlorobenzidine	21.68	252	65474	43.27	ng		98
82) Chrysene	21.84	228	152974	40.01	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	102897	34.24	ng	#	94
84) Di-n-octyl phthalate	22.91	149	172539	40.34	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.85	276	187152	54.42	ng	#	100
87) Benzo(b)fluoranthene	24.04	252	166407	38.77	ng	#	96
88) Benzo(k)fluoranthene	24.11	252	160983	39.76	ng	#	95
89) Benzo(a)pyrene	24.93	252	158801	41.30	ng	#	95
90) Dibenzo(a,h)anthracene	28.92	278	160270	46.28	ng		97
91) Benzo(g,h,i)perylene	30.02	276	153535	44.42	ng	#	93

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

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