Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
Data File : BG027922.D
Acq On : 14 Jul 2017 12:57
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Jul 14 14:51:34 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 14:34:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	54776	20.00	ng		0.00
21) Naphthalene-d8	11.19	136	238772	20.00	ng		0.00
38) Acenaphthene-d10	14.98	164	164410	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	406699	20.00	ng		0.00
75) Chrysene-d12	22.06	240	493624	20.00	ng		0.00
86) Perylene-d12	25.59	264	453054	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	240307	67.56	ng		0.00
7) Phenol-d6	7.52	99	353466	65.05	ng		0.00
23) Nitrobenzene-d5	9.54	82	343582	80.21	ng		0.00
41) 2,4,6-Tribromophenol	16.47	330	196132	86.97	ng		0.00
44) 2-Fluorobiphenyl	13.60	172	984955	85.56	ng		0.00
78) Terphenyl-d14	20.31	244	1749488	83.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.89	88	44336	33.478	ng		91
3) Pyridine	4.29	79	132392	32.466	ng		97
4) n-Nitrosodimethylamine	4.20	42	72689	36.349	ng		90
6) Aniline	7.70	93	207182	32.891	ng		93
8) 2-Chlorophenol	7.94	128	135908	34.192	ng		92
9) Benzaldehyde	7.51	77	97137	30.040	ng		81
10) Phenol	7.54	94	183374	34.108	ng		88
11) bis(2-Chloroethyl)ether	7.78	93	130415	31.935	ng		90
12) 1,3-Dichlorobenzene	8.27	146	157518	37.256	ng	#	93
13) 1,4-Dichlorobenzene	8.41	146	166457	37.996	ng		95
14) 1,2-Dichlorobenzene	8.73	146	161585	38.040	ng		94
15) Benzyl Alcohol	8.61	79	111703	29.715	ng	#	92
16) 2,2'-oxybis(1-Chloropropan	8.89	45	263571	30.259	ng		98
17) 2-Methylphenol	8.80	107	120786	31.755	ng		89
18) Hexachloroethane	9.46	117	54019	35.054	ng		87
19) n-Nitroso-di-n-propylamine	9.17	70	125958	31.860	ng		96
20) 3+4-Methylphenols	9.13	107	173265	31.588	ng		92
22) Acetophenone	9.19	105	228641	39.682	ng	#	90
24) Nitrobenzene	9.58	77	181523	40.533	ng	#	86
25) Isophorone	10.10	82	334153	35.788	ng	#	94
26) 2-Nitrophenol	10.30	139	88617	43.808	ng	#	81
27) 2,4-Dimethylphenol	10.34	122	155181	40.958	ng		92
28) bis(2-Chloroethoxy)methane	10.58	93	189603	35.817	ng		97
29) 2,4-Dichlorophenol	10.83	162	163043	49.104	ng		92
30) 1,2,4-Trichlorobenzene	11.05	180	181521	53.603	ng		95
31) Naphthalene	11.25	128	471493	37.132	ng		99
32) Benzoic acid	10.47	122	71698	35.538	ng	#	86
33) 4-Chloroaniline	11.35	127	198691	36.220	ng		91
34) Hexachlorobutadiene	11.52	225	126369	66.973	ng		98
35) Caprolactam	12.12	113	52060	31.173	ng		97
36) 4-Chloro-3-methylphenol	12.44	107	180701	38.675	ng	#	83
37) 2-Methylnaphthalene	12.83	142	361524m	38.225	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.18	216	254200	58.838	ng	#	93
40) Hexachlorocyclopentadiene	13.16	237	123917	60.834	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.42	196	159464	51.104	ng		98
43) 2,4,5-Trichlorophenol	13.50	196	169256	47.871	ng	#	90
45) 1,1'-Biphenyl	13.81	154	559836	42.483	ng		98
46) 2-Chloronaphthalene	13.87	162	404552	40.638	ng		95
47) 2-Nitroaniline	14.07	65	124627	31.276	ng	#	77
48) Acenaphthylene	14.71	152	653079	35.902	ng		97
49) Dimethylphthalate	14.42	163	547741	39.054	ng		97
50) 2,6-Dinitrotoluene	14.55	165	118894	38.996	ng	#	70
51) Acenaphthene	15.05	154	424000	36.368	ng		94
52) 3-Nitroaniline	14.89	138	115100	32.090	ng	#	77
53) 2,4-Dinitrophenol	15.09	184	68815	50.949	ng		90
54) Dibenzofuran	15.38	168	610059	39.573	ng		90
55) 4-Nitrophenol	15.18	139	83501	30.497	ng	#	62
56) 2,4-Dinitrotoluene	15.33	165	164399	38.659	ng	#	78
57) Fluorene	16.03	166	559535	37.434	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.60	232	150875	49.502	ng	#	90
59) Diethylphthalate	15.78	149	530103	34.134	ng		99
60) 4-Chlorophenyl-phenylether	16.01	204	305293	46.139	ng	#	88
61) 4-Nitroaniline	16.05	138	119115	31.876	ng	#	68
62) Azobenzene	16.30	77	418034	30.633	ng		91
64) 4,6-Dinitro-2-methylphenol	16.10	198	107560	46.027	ng		98
65) n-Nitrosodiphenylamine	16.22	169	473738	35.808	ng		99
66) 4-Bromophenyl-phenylether	16.91	248	202744	47.663	ng		94
67) Hexachlorobenzene	17.03	284	217837	48.356	ng	#	90
68) Atrazine	17.16	200	186878	44.741	ng		97
69) Pentachlorophenol	17.38	266	123205	49.317	ng		98
70) Phenanthrene	17.77	178	836396	35.624	ng		95
71) Anthracene	17.87	178	839834	35.423	ng		97
72) Carbazole	18.13	167	761548	32.615	ng	#	95
73) Di-n-butylphthalate	18.66	149	851794	33.196	ng	#	94
74) Fluoranthene	19.77	202	1020786	39.781	ng		93
76) Benzidine	19.94	184	515786	46.711	ng		97
77) Pyrene	20.13	202	1059738	34.209	ng		97
79) Butylbenzylphthalate	21.00	149	385339	27.619	ng		88
80) Benzo(a)anthracene	22.04	228	1083339	36.300	ng		95
81) 3,3'-Dichlorobenzidine	21.94	252	439114	40.540	ng		98
82) Chrysene	22.11	228	1023129	36.575	ng		97
83) Bis(2-ethylhexyl)phthalate	21.90	149	567480	27.833	ng		100
84) Di-n-octyl phthalate	23.21	149	963591	28.606	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.64	276	1214896	37.999	ng	#	93
87) Benzo(b)fluoranthene	24.46	252	1045437	35.817	ng		98
88) Benzo(k)fluoranthene	24.54	252	1066548	36.966	ng		96
89) Benzo(a)pyrene	25.42	252	998787	36.467	ng		97
90) Dibenzo(a,h)anthracene	29.70	278	1013157	36.515	ng		98
91) Benzo(g,h,i)perylene	30.90	276	968524	36.321	ng	#	94

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

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