Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
Data File : BG027925.D
Acq On : 14 Jul 2017 14:55
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Quant Time: Jul 14 15:43:33 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 15:01:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	55143	20.00	ng		0.00
21) Naphthalene-d8	11.20	136	247389	20.00	ng		0.00
38) Acenaphthene-d10	14.99	164	163565	20.00	ng		0.00
63) Phenanthrene-d10	17.74	188	390828	20.00	ng		0.00
75) Chrysene-d12	22.07	240	494314	20.00	ng		0.00
86) Perylene-d12	25.59	264	445134	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	526906	86.44	ng		0.00
7) Phenol-d6	7.52	99	771352	88.09	ng		0.00
23) Nitrobenzene-d5	9.55	82	750186	85.56	ng		0.00
41) 2,4,6-Tribromophenol	16.48	330	434660	91.50	ng		0.00
44) 2-Fluorobiphenyl	13.61	172	2023755	81.86	ng		0.00
78) Terphenyl-d14	20.31	244	3190505	71.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	93010	81.205	ng		95
3) Pyridine	4.29	79	295526	91.624	ng		97
4) n-Nitrosodimethylamine	4.20	42	159016	87.055	ng		88
6) Aniline	7.71	93	451961	88.776	ng		92
8) 2-Chlorophenol	7.94	128	302588	86.856	ng		88
9) Benzaldehyde	7.52	77	167758	67.444	ng		83
10) Phenol	7.55	94	399102	86.737	ng		86
11) bis(2-Chloroethyl)ether	7.79	93	286839	84.723	ng		87
12) 1,3-Dichlorobenzene	8.26	146	349945	85.586	ng	#	91
13) 1,4-Dichlorobenzene	8.41	146	359604	84.911	ng		95
14) 1,2-Dichlorobenzene	8.73	146	349072	84.896	ng	#	92
15) Benzyl Alcohol	8.61	79	247957	93.576	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.89	45	562805	82.022	ng		99
17) 2-Methylphenol	8.80	107	265000	87.696	ng	#	91
18) Hexachloroethane	9.46	117	117598	85.430	ng		84
19) n-Nitroso-di-n-propylamine	9.17	70	270273	88.476	ng		98
20) 3+4-Methylphenols	9.13	107	373399	88.031	ng		93
22) Acetophenone	9.20	105	500242	84.540	ng	#	89
24) Nitrobenzene	9.59	77	384882	83.109	ng	#	83
25) Isophorone	10.11	82	723535	86.551	ng	#	93
26) 2-Nitrophenol	10.30	139	196569	89.503	ng	#	81
27) 2,4-Dimethylphenol	10.34	122	334266	86.207	ng		92
28) bis(2-Chloroethoxy)methane	10.58	93	410816	83.672	ng		98
29) 2,4-Dichlorophenol	10.84	162	365433	87.201	ng		94
30) 1,2,4-Trichlorobenzene	11.05	180	398068	84.292	ng		99
31) Naphthalene	11.25	128	1007678	81.988	ng		100
32) Benzoic acid	10.53	122	215721	128.567	ng	#	81
33) 4-Chloroaniline	11.35	127	420630	84.048	ng	#	88
34) Hexachlorobutadiene	11.52	225	284243	86.576	ng		98
35) Caprolactam	12.16	113	114419m	89.627	ng		
36) 4-Chloro-3-methylphenol	12.45	107	383332	84.363	ng	#	85
37) 2-Methylnaphthalene	12.83	142	773938	83.170	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	565758	88.867	ng	#	93
42) 2,4,6-Trichlorophenol	13.42	196	354199	92.314	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.50	196	361232	88.872	ng	#	88
45) 1,1'-Biphenyl	13.82	154	1181379	84.771	ng		98
46) 2-Chloronaphthalene	13.87	162	865405	85.371	ng		96
47) 2-Nitroaniline	14.07	65	267454	88.848	ng	#	82
48) Acenaphthylene	14.72	152	1341154	82.757	ng		99
49) Dimethylphthalate	14.43	163	1115758	81.981	ng		98
50) 2,6-Dinitrotoluene	14.56	165	251064	87.142	ng	#	71
51) Acenaphthene	15.05	154	836326	82.168	ng		97
52) 3-Nitroaniline	14.90	138	239943	88.008	ng	#	77
53) 2,4-Dinitrophenol	15.09	184	160767	112.822	ng		87
54) Dibenzofuran	15.39	168	1264628	81.152	ng		91
55) 4-Nitrophenol	15.19	139	186133	101.459	ng	#	60
56) 2,4-Dinitrotoluene	15.34	165	351578	88.473	ng	#	78
57) Fluorene	16.03	166	1142731	82.227	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.61	232	322228	89.321	ng	#	90
59) Diethylphthalate	15.78	149	1076724	81.542	ng		98
60) 4-Chlorophenyl-phenylether	16.01	204	651158	85.467	ng	#	88
61) 4-Nitroaniline	16.06	138	243300	88.589	ng	#	71
62) Azobenzene	16.31	77	844977	81.645	ng		89
64) 4,6-Dinitro-2-methylphenol	16.11	198	240709	103.442	ng		97
65) n-Nitrosodiphenylamine	16.23	169	971909	86.119	ng		97
66) 4-Bromophenyl-phenylether	16.91	248	432626	90.383	ng		94
67) Hexachlorobenzene	17.04	284	465196	88.964	ng	#	91
68) Atrazine	17.17	200	377834	87.499	ng		96
69) Pentachlorophenol	17.38	266	281551	108.542	ng		96
70) Phenanthrene	17.78	178	1680064	82.556	ng		98
71) Anthracene	17.87	178	1691742	83.635	ng		100
72) Carbazole	18.13	167	1527213	83.919	ng		96
73) Di-n-butylphthalate	18.66	149	1707517	85.657	ng	#	95
74) Fluoranthene	19.77	202	2009020	82.154	ng		98
76) Benzidine	19.94	184	929193	80.621	ng		97
77) Pyrene	20.13	202	2080120	78.525	ng		99
79) Butylbenzylphthalate	21.00	149	825675	88.284	ng		87
80) Benzo(a)anthracene	22.05	228	2169006	79.794	ng		100
81) 3,3'-Dichlorobenzidine	21.95	252	904023	85.429	ng		99
82) Chrysene	22.12	228	2064890	79.333	ng		100
83) Bis(2-ethylhexyl)phthalate	21.91	149	1168240	85.361	ng		97
84) Di-n-octyl phthalate	23.22	149	1992247	85.824	ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.65	276	2576222	86.732	ng	#	97
87) Benzo(b)fluoranthene	24.47	252	2204783	85.613	ng		98
88) Benzo(k)fluoranthene	24.55	252	2190501	84.997	ng		97
89) Benzo(a)pyrene	25.43	252	2101131	86.663	ng		98
90) Dibenzo(a,h)anthracene	29.72	278	2148318	87.960	ng		98
91) Benzo(g,h,i)perylene	30.94	276	2042696	86.565	ng	#	93

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

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