Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070517\
Data File : BG027848.D
Acq On : 5 Jul 2017 15:14
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 06 06:59:21 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	35662	20.00	ng		-0.03
21) Naphthalene-d8	11.27	136	177507	20.00	ng		-0.03
38) Acenaphthene-d10	15.04	164	110961	20.00	ng		-0.03
63) Phenanthrene-d10	17.79	188	259033	20.00	ng		-0.03
75) Chrysene-d12	22.14	240	277538	20.00	ng		-0.03
86) Perylene-d12	25.73	264	278425	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.03	112	180194	77.81	ng		-0.03
7) Phenol-d6	7.60	99	262798	74.28	ng		-0.02
23) Nitrobenzene-d5	9.62	82	252428	79.27	ng		-0.02
41) 2,4,6-Tribromophenol	16.53	330	155365	102.08	ng		-0.02
44) 2-Fluorobiphenyl	13.66	172	687855	88.53	ng		-0.03
78) Terphenyl-d14	20.37	244	1017232	85.93	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.02	88	30655	35.554	ng		95
3) Pyridine	4.40	79	93807	35.333	ng		94
4) n-Nitrosodimethylamine	4.31	42	49816	38.263	ng		92
6) Aniline	7.78	93	142017	34.630	ng		98
8) 2-Chlorophenol	8.02	128	102102	39.455	ng		86
9) Benzaldehyde	7.60	77	68799	32.680	ng		81
10) Phenol	7.62	94	126609	36.171	ng		87
11) bis(2-Chloroethyl)ether	7.86	93	100248	37.705	ng		91
12) 1,3-Dichlorobenzene	8.34	146	112441	40.849	ng	#	90
13) 1,4-Dichlorobenzene	8.49	146	119270	41.817	ng		94
14) 1,2-Dichlorobenzene	8.81	146	116132	41.993	ng		93
15) Benzyl Alcohol	8.68	79	53422	21.828	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.96	45	198567	35.015	ng		98
17) 2-Methylphenol	8.88	107	94222	38.048	ng	#	87
18) Hexachloroethane	9.54	117	40085	39.954	ng		89
19) n-Nitroso-di-n-propylamine	9.24	70	90314	35.088	ng	#	94
20) 3+4-Methylphenols	9.20	107	132988	37.240	ng		92
22) Acetophenone	9.27	105	170981	39.917	ng	#	88
24) Nitrobenzene	9.66	77	129870	39.008	ng	#	84
25) Isophorone	10.17	82	254173	36.617	ng	#	94
26) 2-Nitrophenol	10.37	139	62385	41.484	ng	#	84
27) 2,4-Dimethylphenol	10.42	122	112189	39.831	ng		92
28) bis(2-Chloroethoxy)methane	10.64	93	140075	35.594	ng	#	95
29) 2,4-Dichlorophenol	10.91	162	107173	43.418	ng		97
30) 1,2,4-Trichlorobenzene	11.13	180	110855	44.034	ng	#	92
31) Naphthalene	11.32	128	379162	40.167	ng		98
32) Benzoic acid	10.54	122	51460m	33.234	ng		
33) 4-Chloroaniline	11.43	127	153800m	37.713	ng		
34) Hexachlorobutadiene	11.59	225	71800	51.186	ng		95
35) Caprolactam	12.20	113	39986	32.207	ng		99
36) 4-Chloro-3-methylphenol	12.51	107	130154	37.471	ng	#	88
37) 2-Methylnaphthalene	12.89	142	284641	40.484	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	141732	48.608	ng		98
40) Hexachlorocyclopentadiene	13.22	237	73046	53.133	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.48	196	91809	43.595	ng		91
43) 2,4,5-Trichlorophenol	13.56	196	103281	43.282	ng		96
45) 1,1'-Biphenyl	13.88	154	375750	42.248	ng		98
46) 2-Chloronaphthalene	13.93	162	281649	41.921	ng		96
47) 2-Nitroaniline	14.13	65	100232	37.271	ng	#	80
48) Acenaphthylene	14.77	152	498876	40.636	ng		97
49) Dimethylphthalate	14.48	163	372840	39.388	ng		98
50) 2,6-Dinitrotoluene	14.61	165	83317	40.491	ng	#	77
51) Acenaphthene	15.10	154	325652	41.387	ng		97
52) 3-Nitroaniline	14.95	138	88002	36.353	ng	#	76
53) 2,4-Dinitrophenol	15.15	184	44802	43.995	ng		94
54) Dibenzofuran	15.44	168	424176	40.769	ng		97
55) 4-Nitrophenol	15.24	139	61219	33.129	ng	#	65
56) 2,4-Dinitrotoluene	15.39	165	115541	40.258	ng	#	91
57) Fluorene	16.09	166	400929	39.743	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.66	232	85873	41.747	ng		91
59) Diethylphthalate	15.83	149	393740	37.566	ng		95
60) 4-Chlorophenyl-phenylether	16.07	204	192493	43.104	ng		95
61) 4-Nitroaniline	16.11	138	93686	37.148	ng	#	72
62) Azobenzene	16.36	77	322870	35.056	ng		93
64) 4,6-Dinitro-2-methylphenol	16.16	198	67394	42.486	ng		90
65) n-Nitrosodiphenylamine	16.28	169	339978	40.347	ng		95
66) 4-Bromophenyl-phenylether	16.96	248	128157	47.304	ng		92
67) Hexachlorobenzene	17.09	284	136346	47.521	ng		95
68) Atrazine	17.22	200	100692	37.850	ng		95
69) Pentachlorophenol	17.44	266	72927	42.910	ng		99
70) Phenanthrene	17.83	178	598540	40.025	ng		95
71) Anthracene	17.92	178	609901	40.389	ng		96
72) Carbazole	18.19	167	584698	39.316	ng		96
73) Di-n-butylphthalate	18.71	149	641334	39.243	ng	#	94
74) Fluoranthene	19.82	202	677443	41.451	ng		96
76) Benzidine	20.00	184	226799	35.246	ng		96
77) Pyrene	20.19	202	699200	40.144	ng		94
79) Butylbenzylphthalate	21.06	149	284287	36.240	ng	#	87
80) Benzo(a)anthracene	22.12	228	674816	40.216	ng		94
81) 3,3'-Dichlorobenzidine	22.02	252	258014	42.367	ng		96
82) Chrysene	22.20	228	639277	40.646	ng		95
83) Bis(2-ethylhexyl)phthalate	21.97	149	415517	36.247	ng		96
84) Di-n-octyl phthalate	23.31	149	694357	36.663	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.86	276	802247	44.629	ng	#	97
87) Benzo(b)fluoranthene	24.59	252	688224	38.367	ng	#	97
88) Benzo(k)fluoranthene	24.66	252	689814	38.904	ng	#	94
89) Benzo(a)pyrene	25.56	252	655652	38.953	ng	#	95
90) Dibenzo(a,h)anthracene	29.92	278	693421	40.666	ng	#	96
91) Benzo(g,h,i)perylene	31.16	276	664931	40.576	ng	#	91

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

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