Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091117\
Data File : BG028652.D
Acq On : 11 Sep 2017 22:28
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 12 04:42:55 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 18:39:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	33691	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	148753	20.00	ng		0.00
38) Acenaphthene-d10	14.95	164	106002	20.00	ng		0.00
63) Phenanthrene-d10	17.70	188	269801	20.00	ng		0.00
75) Chrysene-d12	22.03	240	317518	20.00	ng		0.00
86) Perylene-d12	25.54	264	308313	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	166372	83.15	ng		0.00
7) Phenol-d6	7.49	99	252837	87.11	ng		0.00
23) Nitrobenzene-d5	9.51	82	258026	79.65	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	134750	83.64	ng		0.00
44) 2-Fluorobiphenyl	13.57	172	635762	78.46	ng		0.00
78) Terphenyl-d14	20.28	244	1210320	82.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	34802	42.520	ng		94
3) Pyridine	4.24	79	107712	42.380	ng		97
4) n-Nitrosodimethylamine	4.15	42	48879	40.356	ng	#	78
6) Aniline	7.66	93	162429	43.711	ng		94
8) 2-Chlorophenol	7.90	128	93478	41.385	ng		94
9) Benzaldehyde	7.48	77	67844	39.612	ng		98
10) Phenol	7.52	94	138622	44.094	ng		88
11) bis(2-Chloroethyl)ether	7.74	93	96367	41.690	ng		94
12) 1,3-Dichlorobenzene	8.23	146	108111	40.872	ng		93
13) 1,4-Dichlorobenzene	8.37	146	111820	42.875	ng		99
14) 1,2-Dichlorobenzene	8.69	146	105043	40.986	ng		98
15) Benzyl Alcohol	8.57	79	101192	43.984	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.84	45	188285	39.508	ng		99
17) 2-Methylphenol	8.77	107	84422	41.872	ng		93
18) Hexachloroethane	9.42	117	41207	40.217	ng		93
19) n-Nitroso-di-n-propylamine	9.13	70	95036	41.411	ng	#	86
20) 3+4-Methylphenols	9.10	107	121490	43.520	ng		99
22) Acetophenone	9.16	105	169242	40.954	ng	#	91
24) Nitrobenzene	9.55	77	135430	39.572	ng		96
25) Isophorone	10.07	82	240080	40.247	ng		99
26) 2-Nitrophenol	10.26	139	56736	39.975	ng		94
27) 2,4-Dimethylphenol	10.31	122	102324	39.918	ng		96
28) bis(2-Chloroethoxy)methane	10.54	93	142924	40.149	ng		100
29) 2,4-Dichlorophenol	10.80	162	102135	40.584	ng		95
30) 1,2,4-Trichlorobenzene	11.01	180	123399	39.849	ng		97
31) Naphthalene	11.20	128	323277	40.037	ng		99
32) Benzoic acid	10.46	122	68093	42.162	ng		89
33) 4-Chloroaniline	11.31	127	144105	42.336	ng		95
34) Hexachlorobutadiene	11.48	225	89791	40.129	ng		96
35) Caprolactam	12.09	113	40669	42.693	ng		92
36) 4-Chloro-3-methylphenol	12.42	107	138744	43.300	ng		98
37) 2-Methylnaphthalene	12.79	142	240313	40.364	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	163532	39.717	ng	#	95
40) Hexachlorocyclopentadiene	13.12	237	54242	35.750	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	104620	39.778	ng		95
43) 2,4,5-Trichlorophenol	13.47	196	106290	40.441	ng	#	87
45) 1,1'-Biphenyl	13.78	154	352678	39.627	ng		98
46) 2-Chloronaphthalene	13.83	162	268269	39.685	ng		99
47) 2-Nitroaniline	14.03	65	108287	39.289	ng		91
48) Acenaphthylene	14.67	152	413904	39.925	ng		99
49) Dimethylphthalate	14.38	163	348741	39.929	ng		99
50) 2,6-Dinitrotoluene	14.52	165	77040	40.263	ng		84
51) Acenaphthene	15.01	154	253197	39.881	ng		92
52) 3-Nitroaniline	14.85	138	78543	40.643	ng		97
53) 2,4-Dinitrophenol	15.07	184	43700	39.757	ng		98
54) Dibenzofuran	15.34	168	401292	40.892	ng		97
55) 4-Nitrophenol	15.16	139	51211	37.188	ng	#	79
56) 2,4-Dinitrotoluene	15.31	165	115984	42.059	ng	#	87
57) Fluorene	15.99	166	367214	40.935	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.57	232	96423	41.078	ng	#	96
59) Diethylphthalate	15.73	149	365476	39.937	ng		96
60) 4-Chlorophenyl-phenylether	15.97	204	203481	40.162	ng		94
61) 4-Nitroaniline	16.02	138	88292	42.202	ng	#	86
62) Azobenzene	16.26	77	322581	39.466	ng		92
64) 4,6-Dinitro-2-methylphenol	16.08	198	76043	39.686	ng		90
65) n-Nitrosodiphenylamine	16.19	169	317634	39.867	ng		100
66) 4-Bromophenyl-phenylether	16.87	248	139037	39.687	ng		92
67) Hexachlorobenzene	17.00	284	157643	40.888	ng	#	88
68) Atrazine	17.13	200	113786	39.593	ng		98
69) Pentachlorophenol	17.35	266	72031	40.142	ng		93
70) Phenanthrene	17.74	178	581392	40.522	ng		95
71) Anthracene	17.83	178	587082	40.237	ng		97
72) Carbazole	18.10	167	524776	40.203	ng		95
73) Di-n-butylphthalate	18.63	149	620147	39.123	ng	#	94
74) Fluoranthene	19.74	202	742421	40.531	ng		93
76) Benzidine	19.91	184	235833	36.560	ng		97
77) Pyrene	20.10	202	765280	40.635	ng		96
79) Butylbenzylphthalate	20.96	149	282215	38.740	ng		94
80) Benzo(a)anthracene	22.01	228	762717	40.119	ng		96
81) 3,3'-Dichlorobenzidine	21.91	252	303787	41.589	ng	#	97
82) Chrysene	22.08	228	714222	39.837	ng		96
83) Bis(2-ethylhexyl)phthalate	21.86	149	408854	38.953	ng		100
84) Di-n-octyl phthalate	23.16	149	700500	38.938	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.56	276	878076	41.341	ng	#	96
87) Benzo(b)fluoranthene	24.41	252	779092	40.343	ng	#	95
88) Benzo(k)fluoranthene	24.48	252	763606	40.950	ng		93
89) Benzo(a)pyrene	25.37	252	730732	40.341	ng		96
90) Dibenzo(a,h)anthracene	29.62	278	763437	40.618	ng		99
91) Benzo(g,h,i)perylene	30.83	276	742980	40.304	ng		98

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

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