Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
Data File : BG032594.D
Acq On : 7 Feb 2018 15:16
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 08 10:59:44 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	18062	20.00	ng		-0.02
21) Naphthalene-d8	11.57	136	67674	20.00	ng		-0.02
38) Acenaphthene-d10	15.33	164	41561	20.00	ng		-0.02
63) Phenanthrene-d10	18.07	188	107891	20.00	ng		0.00
75) Chrysene-d12	22.41	240	147560	20.00	ng		0.00
86) Perylene-d12	26.08	264	154103	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.13	112	70108	77.96	ng		-0.02
7) Phenol-d6	7.81	99	96254	80.21	ng		-0.02
23) Nitrobenzene-d5	9.89	82	74354	68.63	ng		-0.02
41) 2,4,6-Tribromophenol	16.81	330	72902	92.15	ng		-0.01
44) 2-Fluorobiphenyl	13.95	172	263535	75.37	ng		-0.02
78) Terphenyl-d14	20.61	244	552924	80.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	12690	41.943	ng	#	68
3) Pyridine	4.24	79	32967	40.353	ng	#	72
4) n-Nitrosodimethylamine	4.16	42	17445	41.020	ng	#	85
6) Aniline	7.99	93	54289	36.286	ng		97
8) 2-Chlorophenol	8.24	128	42076	39.583	ng	#	76
9) Benzaldehyde	7.79	77	21880	35.303	ng	#	68
10) Phenol	7.84	94	47063	41.299	ng		95
11) bis(2-Chloroethyl)ether	8.08	93	38781	44.664	ng	#	82
12) 1,3-Dichlorobenzene	8.58	146	55334	38.492	ng		94
13) 1,4-Dichlorobenzene	8.72	146	57670	40.026	ng		94
14) 1,2-Dichlorobenzene	9.05	146	56777	40.226	ng		97
15) Benzyl Alcohol	8.92	79	37466	37.884	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.21	45	22797	27.708	ng	#	43
17) 2-Methylphenol	9.13	107	29432	31.800	ng		97
18) Hexachloroethane	9.81	117	15454	31.946	ng	#	82
19) n-Nitroso-di-n-propylamine	9.50	70	31700	39.842	ng	#	85
20) 3+4-Methylphenols	9.46	107	48051	37.013	ng		96
22) Acetophenone	9.53	105	65934	41.563	ng	#	93
24) Nitrobenzene	9.93	77	37122	35.432	ng		92
25) Isophorone	10.45	82	67683	36.687	ng	#	81
26) 2-Nitrophenol	10.66	139	24550	38.763	ng	#	84
27) 2,4-Dimethylphenol	10.69	122	32518	35.772	ng		97
28) bis(2-Chloroethoxy)methane	10.93	93	47916	47.364	ng	#	88
29) 2,4-Dichlorophenol	11.20	162	50826	42.207	ng		85
30) 1,2,4-Trichlorobenzene	11.42	180	60237	37.531	ng		100
31) Naphthalene	11.62	128	135699	41.055	ng		98
32) Benzoic acid	10.83	122	22636	35.599	ng	#	74
33) 4-Chloroaniline	11.72	127	57094	38.729	ng	#	91
34) Hexachlorobutadiene	11.88	225	55865	44.738	ng		95
35) Caprolactam	12.47	113	12028	34.794	ng	#	32
36) 4-Chloro-3-methylphenol	12.79	107	39360	34.458	ng		95
37) 2-Methylnaphthalene	13.18	142	94539	34.046	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.54	216	77101	39.654	ng	#	95
40) Hexachlorocyclopentadiene	13.51	237	45166	37.178	ng		91

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.77	196	38857	36.741 ng		95
43) 2,4,5-Trichlorophenol	13.85	196	43054	34.921 ng	#	93
45) 1,1'-Biphenyl	14.16	154	144757	41.226 ng		94
46) 2-Chloronaphthalene	14.22	162	105246	38.242 ng		98
47) 2-Nitroaniline	14.41	65	22377	36.768 ng	#	70
48) Acenaphthylene	15.06	152	164679	39.582 ng		100
49) Dimethylphthalate	14.76	163	140017	36.538 ng		98
50) 2,6-Dinitrotoluene	14.89	165	30025	37.330 ng	#	69
51) Acenaphthene	15.39	154	117229	40.629 ng		98
52) 3-Nitroaniline	15.22	138	28150	40.069 ng	#	60
53) 2,4-Dinitrophenol	15.43	184	14017	30.591 ng	#	49
54) Dibenzofuran	15.72	168	167422	39.203 ng		100
55) 4-Nitrophenol	15.52	139	20926	39.787 ng	#	71
56) 2,4-Dinitrotoluene	15.67	165	44088	38.498 ng	#	64
57) Fluorene	16.37	166	140220	39.512 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.94	232	47423	39.000 ng	#	83
59) Diethylphthalate	16.10	149	143898	38.555 ng		96
60) 4-Chlorophenyl-phenylether	16.35	204	85069	38.014 ng		94
61) 4-Nitroaniline	16.38	138	30643	40.695 ng		88
62) Azobenzene	16.64	77	85982	38.549 ng		88
64) 4,6-Dinitro-2-methylphenol	16.43	198	28094	34.855 ng	#	68
65) n-Nitrosodiphenylamine	16.56	169	133376	41.423 ng		96
66) 4-Bromophenyl-phenylether	17.24	248	63484	39.717 ng		94
67) Hexachlorobenzene	17.37	284	72192	40.813 ng	#	88
68) Atrazine	17.49	200	42158	30.500 ng		98
69) Pentachlorophenol	17.71	266	41951	37.859 ng		98
70) Phenanthrene	18.11	178	232608	38.660 ng		98
71) Anthracene	18.20	178	241461	40.304 ng		98
72) Carbazole	18.46	167	210798	39.823 ng		98
73) Di-n-butylphthalate	18.97	149	250193	42.691 ng		98
74) Fluoranthene	20.08	202	318365	40.348 ng		96
76) Benzidine	20.24	184	91366	31.533 ng		97
77) Pyrene	20.44	202	321590	35.533 ng		99
79) Butylbenzylphthalate	21.30	149	121360	42.512 ng	#	73
80) Benzo(a)anthracene	22.38	228	350215	38.284 ng		97
81) 3,3'-Dichlorobenzidine	22.28	252	138506	39.079 ng	#	98
82) Chrysene	22.45	228	376744	42.645 ng		98
83) Bis(2-ethylhexyl)phthalate	22.22	149	193773	47.872 ng	#	98
84) Di-n-octyl phthalate	23.59	149	294516	45.874 ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.34	276	518850	46.426 ng	#	83
87) Benzo(b)fluoranthene	24.90	252	364221	39.116 ng	#	96
88) Benzo(k)fluoranthene	24.98	252	363581	39.417 ng	#	96
89) Benzo(a)pyrene	25.90	252	344838	38.847 ng	#	95
90) Dibenzo(a,h)anthracene	30.41	278	433821	47.773 ng	#	95
91) Benzo(g,h,i)perylene	31.68	276	450037	49.929 ng	#	91

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

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