Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042117\
Data File : BG026688.D
Acq On : 21 Apr 2017 16:12
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 22 03:56:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 18:04:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	190705	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	818385	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	497453	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1240416	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1379212	20.00	ng		-0.02
86) Perylene-d12	24.79	264	1391078	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	851370	81.16	ng		0.00
7) Phenol-d6	7.22	99	1116399	81.21	ng		0.01
23) Nitrobenzene-d5	9.19	82	931445	79.42	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	546648	78.86	ng		-0.01
44) 2-Fluorobiphenyl	13.26	172	2552440	76.42	ng		-0.02
78) Terphenyl-d14	19.97	244	3482037	74.53	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	215803	39.34	ng	#	68
3) Pyridine	3.89	79	492085	40.07	ng	#	62
4) n-Nitrosodimethylamine	3.80	42	138594	38.80	ng	#	1
6) Aniline	7.35	93	717270	41.78	ng	#	87
8) 2-Chlorophenol	7.60	128	504783	40.32	ng	#	81
9) Benzaldehyde	7.17	77	361403	38.81	ng	#	67
10) Phenol	7.24	94	605796	40.51	ng	#	70
11) bis(2-Chloroethyl)ether	7.45	93	471127	39.57	ng	#	79
12) 1,3-Dichlorobenzene	7.92	146	580381	39.34	ng	#	86
13) 1,4-Dichlorobenzene	8.06	146	587144	39.18	ng	#	92
14) 1,2-Dichlorobenzene	8.38	146	554083	39.13	ng	#	90
15) Benzyl Alcohol	8.27	79	360842	41.98	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.56	45	441402	38.32	ng		77
17) 2-Methylphenol	8.49	107	428276	40.86	ng	#	81
18) Hexachloroethane	9.11	117	186458	39.43	ng		91
19) n-Nitroso-di-n-propylamine	8.83	70	331040	38.85	ng	#	69
20) 3+4-Methylphenols	8.82	107	586819	40.75	ng		87
22) Acetophenone	8.85	105	726983	38.87	ng	#	74
24) Nitrobenzene	9.23	77	490881	39.52	ng	#	70
25) Isophorone	9.75	82	940664	39.12	ng	#	87
26) 2-Nitrophenol	9.94	139	304038	40.41	ng	#	61
27) 2,4-Dimethylphenol	10.01	122	489612	40.31	ng		85
28) bis(2-Chloroethoxy)methane	10.23	93	620648	39.49	ng		96
29) 2,4-Dichlorophenol	10.49	162	526970	41.49	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	557547	39.38	ng		99
31) Naphthalene	10.88	128	1569086	39.06	ng		99
32) Benzoic acid	10.17	122	344373	41.85	ng	#	70
33) 4-Chloroaniline	10.99	127	698134	40.52	ng	#	80
34) Hexachlorobutadiene	11.17	225	315876	39.02	ng		98
35) Caprolactam	11.75	113	187581	38.03	ng	#	53
36) 4-Chloro-3-methylphenol	12.12	107	542167	42.38	ng	#	72
37) 2-Methylnaphthalene	12.48	142	1227207	39.70	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	597294	38.98	ng	#	97
40) Hexachlorocyclopentadiene	12.82	237	283065	36.56	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	441221	40.44	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	476897	41.33	ng	#	90
45) 1,1'-Biphenyl	13.48	154	1562891	38.66	ng		98
46) 2-Chloronaphthalene	13.52	162	1187509	38.77	ng		95
47) 2-Nitroaniline	13.73	65	319265	40.81	ng	#	53
48) Acenaphthylene	14.36	152	1939686	39.38	ng		99
49) Dimethylphthalate	14.09	163	1524617	38.72	ng		99
50) 2,6-Dinitrotoluene	14.21	165	375447	40.77	ng	#	57
51) Acenaphthene	14.70	154	1220884	38.94	ng		99
52) 3-Nitroaniline	14.55	138	410488	40.87	ng	#	62
53) 2,4-Dinitrophenol	14.76	184	185492	38.96	ng	#	71
54) Dibenzofuran	15.03	168	1896812	38.82	ng		90
55) 4-Nitrophenol	14.89	139	404947	47.76	ng	#	37
56) 2,4-Dinitrotoluene	15.00	165	537759	41.12	ng	#	68
57) Fluorene	15.68	166	1568891	38.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	452961	38.60	ng	#	95
59) Diethylphthalate	15.44	149	1542762	38.53	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	794005	39.54	ng		89
61) 4-Nitroaniline	15.71	138	429997	40.15	ng	#	50
62) Azobenzene	15.96	77	1225974	39.69	ng		78
64) 4,6-Dinitro-2-methylphenol	15.76	198	338300	40.39	ng		85
65) n-Nitrosodiphenylamine	15.89	169	1415201	39.55	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	528927	39.03	ng		93
67) Hexachlorobenzene	16.69	284	588233	39.48	ng	#	86
68) Atrazine	16.83	200	537119	38.39	ng		96
69) Pentachlorophenol	17.03	266	352183	39.12	ng		96
70) Phenanthrene	17.41	178	2458702	38.50	ng		99
71) Anthracene	17.51	178	2555862	38.73	ng		98
72) Carbazole	17.78	167	2377729	37.62	ng		97
73) Di-n-butylphthalate	18.32	149	2651378	37.41	ng	#	95
74) Fluoranthene	19.42	202	2801320	37.83	ng		97
76) Benzidine	19.59	184	1364671	37.38	ng		98
77) Pyrene	19.77	202	2863870	38.57	ng		98
79) Butylbenzylphthalate	20.65	149	1246700	39.02	ng	#	85
80) Benzo(a)anthracene	21.60	228	2882900	38.70	ng		98
81) 3,3'-Dichlorobenzidine	21.51	252	1211361	39.21	ng		99
82) Chrysene	21.67	228	2666616	38.90	ng		98
83) Bis(2-ethylhexyl)phthalate	21.50	149	1793637	38.96	ng		97
84) Di-n-octyl phthalate	22.68	149	3039537	39.54	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.41	276	3724082	39.63	ng	#	87
87) Benzo(b)fluoranthene	23.79	252	3064197	38.47	ng	#	95
88) Benzo(k)fluoranthene	23.85	252	3000372	39.08	ng	#	96
89) Benzo(a)pyrene	24.65	252	2998251	38.99	ng	#	96
90) Dibenzo(a,h)anthracene	28.46	278	3158410	39.99	ng	#	95
91) Benzo(g,h,i)perylene	29.55	276	3117415	39.47	ng	#	88

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

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