Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094445.D
Acq On : 17 Apr 2017 13:11
Operator : SJ/MA
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Apr 17 13:51:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 13:38:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	146842	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	601047	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	269050	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	477665	20.00	ng		0.00
75) Chrysene-d12	14.47	240	397286	20.00	ng		0.00
86) Perylene-d12	16.09	264	342525	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.30	112	853000	98.11	ng		0.00
7) Phenol-d6	5.39	99	1003593	93.31	ng		0.00
23) Nitrobenzene-d5	6.42	82	953987	90.58	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	204273	96.08	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1678316	95.15	ng		0.00
78) Terphenyl-d14	13.20	244	1388408	78.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	257783	61.72	ng		96
3) Pyridine	2.58	79	566165	49.74	ng		99
4) n-Nitrosodimethylamine	2.56	42	236206	50.43	ng		90
6) Aniline	5.39	93	668820	44.70	ng		91
8) 2-Chlorophenol	5.53	128	489523	51.23	ng		98
9) Benzaldehyde	5.26	77	385820	53.13	ng		99
10) Phenol	5.41	94	625674	51.12	ng		90
11) bis(2-Chloroethyl)ether	5.47	93	463562	48.47	ng		96
12) 1,3-Dichlorobenzene	5.70	146	550158	51.32	ng		99
13) 1,4-Dichlorobenzene	5.78	146	551488	50.80	ng		96
14) 1,2-Dichlorobenzene	5.96	146	495622	49.57	ng		97
15) Benzyl Alcohol	5.94	79	373169	47.40	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	595255	40.39	ng		61
17) 2-Methylphenol	6.09	107	390180	47.68	ng	#	92
18) Hexachloroethane	6.35	117	191446	50.17	ng	#	82
19) n-Nitroso-di-n-propylamine	6.26	70	343144	49.64	ng		96
20) 3+4-Methylphenols	6.27	107	532212	53.69	ng	#	63
22) Acetophenone	6.25	105	706990	52.78	ng	#	85
24) Nitrobenzene	6.44	77	501006	48.23	ng		95
25) Isophorone	6.73	82	880862	47.60	ng		95
26) 2-Nitrophenol	6.82	139	278832	56.29	ng		98
27) 2,4-Dimethylphenol	6.89	122	431277	50.53	ng		98
28) bis(2-Chloroethoxy)methane	6.99	93	563846	46.20	ng		99
29) 2,4-Dichlorophenol	7.12	162	405522	50.81	ng		97
30) 1,2,4-Trichlorobenzene	7.20	180	413567	50.31	ng		99
31) Naphthalene	7.29	128	1368308	47.35	ng		100
32) Benzoic acid	7.08	122	244291	42.99	ng		96
33) 4-Chloroaniline	7.37	127	578008	49.35	ng	#	93
34) Hexachlorobutadiene	7.45	225	205401	48.73	ng		97
35) Caprolactam	7.83	113	132596	52.10	ng		93
36) 4-Chloro-3-methylphenol	7.99	107	423001	50.73	ng		88
37) 2-Methylnaphthalene	8.13	142	936215	48.60	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	366554	49.80	ng		100
40) Hexachlorocyclopentadiene	8.33	237	163830	47.57	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	263001	50.51	ng		98
43) 2,4,5-Trichlorophenol	8.55	196	272948	48.44	ng	#	91
45) 1,1'-Biphenyl	8.71	154	1038581	47.86	ng		99
46) 2-Chloronaphthalene	8.73	162	828718	48.78	ng		95
47) 2-Nitroaniline	8.86	65	249162	49.44	ng	#	86
48) Acenaphthylene	9.23	152	1280380	45.35	ng		99
49) Dimethylphthalate	9.10	163	958694	50.13	ng		99
50) 2,6-Dinitrotoluene	9.17	165	222873	50.84	ng		97
51) Acenaphthene	9.45	154	768969	46.68	ng		99
52) 3-Nitroaniline	9.37	138	260130	50.53	ng		92
53) 2,4-Dinitrophenol	9.50	184	114096	54.61	ng	#	70
54) Dibenzofuran	9.66	168	1105680	49.30	ng		100
55) 4-Nitrophenol	9.63	139	198428	49.22	ng	#	78
56) 2,4-Dinitrotoluene	9.66	165	265782	48.26	ng	#	78
57) Fluorene	10.07	166	852058	45.82	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	197927	51.19	ng	#	96
59) Diethylphthalate	9.97	149	908703	48.07	ng		98
60) 4-Chlorophenyl-phenylether	10.09	204	369284	46.61	ng		90
61) 4-Nitroaniline	10.13	138	262935	53.22	ng		96
62) Azobenzene	10.28	77	881325	49.29	ng		96
64) 4,6-Dinitro-2-methylphenol	10.17	198	161664	55.26	ng	#	70
65) n-Nitrosodiphenylamine	10.24	169	778543	47.13	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	222802	47.43	ng		95
67) Hexachlorobenzene	10.75	284	229120	48.18	ng	#	86
68) Atrazine	10.92	200	237461	47.99	ng		97
69) Pentachlorophenol	11.00	266	101649	34.34	ng		97
70) Phenanthrene	11.25	178	1257198	47.31	ng		99
71) Anthracene	11.32	178	1307569	47.79	ng		99
72) Carbazole	11.52	167	1219838	43.48	ng		98
73) Di-n-butylphthalate	11.97	149	1381082	47.34	ng		99
74) Fluoranthene	12.71	202	1311556	48.20	ng		99
76) Benzidine	12.89	184	796462	50.65	ng		98
77) Pyrene	12.99	202	1332899	46.23	ng		99
79) Butylbenzylphthalate	13.81	149	606027	49.33	ng		88
80) Benzo(a)anthracene	14.46	228	1117667	48.24	ng		98
81) 3,3'-Dichlorobenzidine	14.44	252	401370	48.47	ng	#	96
82) Chrysene	14.50	228	1010868	47.02	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	812171	48.46	ng		99
84) Di-n-octyl phthalate	15.28	149	1354560	48.38	ng		98
85) Indeno(1,2,3-cd)pyrene	17.36	276	920740	49.45	ng		99
87) Benzo(b)fluoranthene	15.69	252	1017758	48.47	ng		99
88) Benzo(k)fluoranthene	15.72	252	959373	46.70	ng		96
89) Benzo(a)pyrene	16.03	252	948513	49.06	ng		98
90) Dibenzo(a,h)anthracene	17.39	278	757442	46.26	ng		98
91) Benzo(g,h,i)perylene	17.74	276	760119	46.06	ng		99

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

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