Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033017\
Data File : BF094066.D
Acq On : 30 Mar 2017 19:04
Operator : SJ/MA
Sample : I2384-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-B42-B51-001MS

Quant Time: Mar 31 03:37:09 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	186020	20.00	ng		-0.04
21) Naphthalene-d8	7.42	136	755670	20.00	ng		-0.04
38) Acenaphthene-d10	9.56	164	353948	20.00	ng		-0.04
63) Phenanthrene-d10	11.39	188	606516	20.00	ng		-0.04
75) Chrysene-d12	14.64	240	447819	20.00	ng		-0.04
86) Perylene-d12	16.27	264	221674	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.47	112	1303758	118.38	ng		0.00
7) Phenol-d6	5.53	99	1614307	118.48	ng		-0.02
23) Nitrobenzene-d5	6.57	82	1104618	83.42	ng		-0.04
41) 2,4,6-Tribromophenol	10.54	330	395104	141.26	ng		-0.03
44) 2-Fluorobiphenyl	8.75	172	2091925	90.15	ng		-0.04
78) Terphenyl-d14	13.37	244	1674358	83.81	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	189246	35.77	ng	#	82
3) Pyridine	2.87	79	387673	26.88	ng		100
4) n-Nitrosodimethylamine	2.82	42	242689	40.90	ng		94
6) Aniline	5.55	93	217502	11.48	ng	#	1
8) 2-Chlorophenol	5.69	128	532612	44.00	ng		96
9) Benzaldehyde	5.41	77	95396	10.37	ng		96
10) Phenol	5.55	94	589423	38.02	ng		99
11) bis(2-Chloroethyl)ether	5.62	93	590088	48.70	ng		97
12) 1,3-Dichlorobenzene	5.85	146	560541	41.28	ng		98
13) 1,4-Dichlorobenzene	5.93	146	579569	42.14	ng		96
14) 1,2-Dichlorobenzene	6.11	146	587885	46.42	ng		97
15) Benzyl Alcohol	6.09	79	415411	41.66	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.25	45	730321	39.12	ng		90
17) 2-Methylphenol	6.23	107	453232	43.72	ng	#	91
18) Hexachloroethane	6.50	117	203061	42.01	ng		88
19) n-Nitroso-di-n-propylamine	6.40	70	393851	44.98	ng		96
20) 3+4-Methylphenols	6.41	107	595493	47.42	ng	#	62
22) Acetophenone	6.39	105	785729	46.65	ng	#	86
24) Nitrobenzene	6.59	77	561216	42.97	ng		94
25) Isophorone	6.87	82	1049395	45.10	ng		96
26) 2-Nitrophenol	6.96	139	313540	50.34	ng		97
27) 2,4-Dimethylphenol	7.03	122	516530	48.13	ng		99
28) bis(2-Chloroethoxy)methane	7.13	93	661010	43.08	ng		100
29) 2,4-Dichlorophenol	7.26	162	494121	49.25	ng		98
30) 1,2,4-Trichlorobenzene	7.35	180	469189	45.40	ng		97
31) Naphthalene	7.45	128	2119563	58.33	ng		100
32) Benzoic acid	7.20	122	347998	48.71	ng		93
33) 4-Chloroaniline	7.52	127	109872	7.46	ng	#	91
34) Hexachlorobutadiene	7.60	225	235957	44.52	ng		100
35) Caprolactam	7.97	113	136460m	42.65	ng		
36) 4-Chloro-3-methylphenol	8.14	107	510535	48.70	ng		89
37) 2-Methylnaphthalene	8.29	142	1252291	51.70	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.49	216	418984	43.27	ng		99
40) Hexachlorocyclopentadiene	8.49	237	399177	88.10	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	337765	49.31	ng		97
43) 2,4,5-Trichlorophenol	8.70	196	335873	45.31	ng	#	92
45) 1,1'-Biphenyl	8.86	154	1280836	44.86	ng		98
46) 2-Chloronaphthalene	8.89	162	992819	44.43	ng		95
47) 2-Nitroaniline	9.02	65	292041	44.05	ng	#	82
48) Acenaphthylene	9.39	152	1568933	42.24	ng		99
49) Dimethylphthalate	9.26	163	1206332	47.95	ng		99
50) 2,6-Dinitrotoluene	9.32	165	272711	47.28	ng		98
51) Acenaphthene	9.60	154	961670	44.37	ng		99
52) 3-Nitroaniline	9.52	138	74730	11.03	ng		90
53) 2,4-Dinitrophenol	9.66	184	287565	92.40	ng	#	73
54) Dibenzofuran	9.82	168	1361767	46.16	ng		100
55) 4-Nitrophenol	9.77	139	381466	71.92	ng	#	71
56) 2,4-Dinitrotoluene	9.82	165	324717	44.82	ng	#	71
57) Fluorene	10.24	166	1033801	42.26	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	253997	49.94	ng		96
59) Diethylphthalate	10.12	149	1177226	47.34	ng		100
60) 4-Chlorophenyl-phenylether	10.24	204	450159	43.19	ng		92
61) 4-Nitroaniline	10.28	138	175404	26.99	ng		99
62) Azobenzene	10.44	77	1092296	46.43	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	188065	50.63	ng	#	77
65) n-Nitrosodiphenylamine	10.40	169	732382	34.92	ng		98
66) 4-Bromophenyl-phenylether	10.84	248	288592	48.38	ng		98
67) Hexachlorobenzene	10.92	284	292540	48.45	ng	#	88
68) Atrazine	11.06	200	51341	8.17	ng		95
69) Pentachlorophenol	11.17	266	294041	78.23	ng		98
70) Phenanthrene	11.42	178	1497667	44.39	ng		99
71) Anthracene	11.48	178	1543175	44.42	ng		99
72) Carbazole	11.68	167	935953	26.27	ng		98
73) Di-n-butylphthalate	12.13	149	1775934	47.94	ng		100
74) Fluoranthene	12.88	202	1508760	43.67	ng		99
77) Pyrene	13.16	202	1500463	46.17	ng		100
79) Butylbenzylphthalate	13.97	149	720371	52.02	ng	#	87
80) Benzo(a)anthracene	14.63	228	1183114	45.31	ng		99
81) 3,3'-Dichlorobenzidine	14.60	252	18949	2.03	ng	#	93
82) Chrysene	14.67	228	1016742	41.96	ng		99
83) Bis(2-ethylhexyl)phthalate	14.69	149	976343	51.68	ng	#	99
84) Di-n-octyl phthalate	15.44	149	1590838	50.40	ng		98
85) Indeno(1,2,3-cd)pyrene	17.63	276	819165	39.03	ng		100
87) Benzo(b)fluoranthene	15.86	252	991915	73.00	ng		99
88) Benzo(k)fluoranthene	15.90	252	827543m	62.25	ng		
89) Benzo(a)pyrene	16.22	252	807719	64.55	ng		99
90) Dibenzo(a,h)anthracene	17.65	278	696453	65.72	ng		98
91) Benzo(g,h,i)perylene	18.03	276	684867	64.13	ng		97

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

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