Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093801.D
Acq On : 21 Mar 2017 16:37
Operator : SJ/MA
Sample : I2314-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SGS47-9-11MS

Quant Time: Mar 22 02:19:31 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	196715	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	850807	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	373710	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	631163	20.00	ng		0.00
75) Chrysene-d12	13.97	240	353158	20.00	ng		0.00
86) Perylene-d12	15.37	264	331480	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1493017	132.72	ng		0.02
7) Phenol-d6	6.47	99	1822932	131.15	ng		0.01
23) Nitrobenzene-d5	7.40	82	1225932	81.74	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	321656	111.12	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1771372	79.71	ng		0.00
78) Terphenyl-d14	12.93	244	1338354	77.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	207413	36.39	ng		98
3) Pyridine	3.18	79	573326	37.54	ng		99
4) n-Nitrosodimethylamine	3.11	42	275768	41.87	ng		95
6) Aniline	6.49	93	533967	27.47	ng		94
8) 2-Chlorophenol	6.62	128	572472	46.27	ng		89
9) Benzaldehyde	6.37	77	212592	21.64	ng		98
10) Phenol	6.48	94	837587	53.61	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	520258	41.01	ng		95
12) 1,3-Dichlorobenzene	6.77	146	559486	39.87	ng		98
13) 1,4-Dichlorobenzene	6.85	146	609252	42.55	ng		98
14) 1,2-Dichlorobenzene	7.00	146	516064	39.30	ng		98
15) Benzyl Alcohol	6.97	79	508815	49.40	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	801100	39.72	ng		99
17) 2-Methylphenol	7.09	107	462188	42.56	ng		98
18) Hexachloroethane	7.35	117	210606	41.49	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	353075	38.77	ng		96
20) 3+4-Methylphenols	7.25	107	573878	44.64	ng	#	82
22) Acetophenone	7.24	105	729273	39.59	ng		96
24) Nitrobenzene	7.41	77	527812	36.84	ng		100
25) Isophorone	7.66	82	1099698	41.39	ng	#	93
26) 2-Nitrophenol	7.73	139	306433	47.29	ng		93
27) 2,4-Dimethylphenol	7.77	122	548912	41.19	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	644771	37.72	ng		99
29) 2,4-Dichlorophenol	7.97	162	465740	41.06	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	478785	40.64	ng		99
31) Naphthalene	8.14	128	1651931	41.83	ng		100
32) Benzoic acid	7.86	122	161826	19.53	ng		95
33) 4-Chloroaniline	8.18	127	393776	23.20	ng	#	90
34) Hexachlorobutadiene	8.26	225	238787	38.54	ng		98
35) Caprolactam	8.55	113	164401m	46.17	ng		
36) 4-Chloro-3-methylphenol	8.66	107	491374	41.80	ng	#	84
37) 2-Methylnaphthalene	8.82	142	1017840	39.48	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	391682	39.57	ng		98
40) Hexachlorocyclopentadiene	8.98	237	341049	68.30	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	341900	47.59	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	323178	43.33	ng		95
45) 1,1'-Biphenyl	9.29	154	1260103	41.49	ng		98
46) 2-Chloronaphthalene	9.32	162	1012041	43.46	ng		96
47) 2-Nitroaniline	9.41	65	328980	50.58	ng	#	74
48) Acenaphthylene	9.73	152	1493471	39.41	ng		99
49) Dimethylphthalate	9.59	163	1364161	51.29	ng		99
50) 2,6-Dinitrotoluene	9.65	165	238250	40.80	ng	#	80
51) Acenaphthene	9.90	154	938207	41.45	ng		100
52) 3-Nitroaniline	9.81	138	214639	30.62	ng		96
53) 2,4-Dinitrophenol	9.92	184	162773	71.02	ng	#	52
54) Dibenzofuran	10.07	168	1288701	42.31	ng		98
55) 4-Nitrophenol	9.98	139	438254	83.25	ng	#	68
56) 2,4-Dinitrotoluene	10.05	165	311418	42.01	ng	#	73
57) Fluorene	10.41	166	935398	40.10	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	235659	45.99	ng		95
59) Diethylphthalate	10.30	149	1117779	43.12	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	413865	42.09	ng		95
61) 4-Nitroaniline	10.42	138	241557	38.53	ng		92
62) Azobenzene	10.56	77	1158108	45.17	ng		99
64) 4,6-Dinitro-2-methylphenol	10.46	198	154324	42.20	ng	#	56
65) n-Nitrosodiphenylamine	10.53	169	952822	45.28	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	246828	40.63	ng		93
67) Hexachlorobenzene	10.96	284	257935	41.17	ng	#	85
68) Atrazine	11.05	200	271256	42.00	ng		95
69) Pentachlorophenol	11.16	266	308330	84.16	ng		98
70) Phenanthrene	11.37	178	1473775	43.84	ng		99
71) Anthracene	11.42	178	1369331	39.57	ng		100
72) Carbazole	11.57	167	1239161	36.17	ng		99
73) Di-n-butylphthalate	11.91	149	1542291	41.82	ng		100
74) Fluoranthene	12.55	202	1313869	38.03	ng		99
76) Benzidine	12.67	184	155090	10.01	ng	#	94
77) Pyrene	12.78	202	1386660	47.18	ng		99
79) Butylbenzylphthalate	13.41	149	612158	46.60	ng		98
80) Benzo(a)anthracene	13.96	228	877151	39.65	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	246175	29.53	ng	#	97
82) Chrysene	14.00	228	849167	38.42	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	669634	42.33	ng		99
84) Di-n-octyl phthalate	14.57	149	1098000	38.04	ng		99
85) Indeno(1,2,3-cd)pyrene	16.73	276	888356	49.08	ng		98
87) Benzo(b)fluoranthene	14.97	252	979148m	43.82	ng		
88) Benzo(k)fluoranthene	15.01	252	538189m	32.62	ng		
89) Benzo(a)pyrene	15.32	252	746029	41.17	ng		98
90) Dibenzo(a,h)anthracene	16.76	278	741841	49.30	ng		98
91) Benzo(g,h,i)perylene	17.15	276	755088	50.56	ng		98

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

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