Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093508.D
Acq On : 10 Mar 2017 7:16
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 10 07:47:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	190369m	20.00	ng		-0.02
21) Naphthalene-d8	8.04	136	755282	20.00	ng		-0.02
38) Acenaphthene-d10	9.78	164	345434	20.00	ng		-0.02
63) Phenanthrene-d10	11.27	188	585880	20.00	ng		-0.01
75) Chrysene-d12	13.91	240	382436	20.00	ng		-0.01
86) Perylene-d12	15.32	264	364409	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	979879	85.67	ng		0.00
7) Phenol-d6	6.41	99	1072790	74.38	ng		0.00
23) Nitrobenzene-d5	7.33	82	1115447	81.94	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	186167	82.72	ng		-0.01
44) 2-Fluorobiphenyl	9.11	172	1441914	77.64	ng		-0.02
78) Terphenyl-d14	12.85	244	1279963	87.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	255956	40.63	ng		88
3) Pyridine	2.94	79	743983	46.32	ng		89
4) n-Nitrosodimethylamine	2.90	42	337459	43.98	ng		80
6) Aniline	6.41	93	733475m	37.05	ng		
8) 2-Chlorophenol	6.54	128	508272	39.66	ng		91
9) Benzaldehyde	6.30	77	387088	47.53	ng		87
10) Phenol	6.42	94	768459	43.48	ng		92
11) bis(2-Chloroethyl)ether	6.49	93	539126	37.74	ng		95
12) 1,3-Dichlorobenzene	6.69	146	568080m	38.73	ng		
13) 1,4-Dichlorobenzene	6.77	146	593024m	39.49	ng		
14) 1,2-Dichlorobenzene	6.92	146	500885	37.66	ng		96
15) Benzyl Alcohol	6.92	79	402769	39.17	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.03	45	920687	38.80	ng	#	39
17) 2-Methylphenol	7.03	107	455610m	42.03	ng		
18) Hexachloroethane	7.26	117	202806	40.04	ng		91
19) n-Nitroso-di-n-propylamine	7.18	70	418244	42.18	ng		95
20) 3+4-Methylphenols	7.19	107	606598	43.15	ng	#	74
22) Acetophenone	7.17	105	768389	42.28	ng		96
24) Nitrobenzene	7.35	77	667172	43.61	ng		92
25) Isophorone	7.59	82	1116474	40.67	ng		98
26) 2-Nitrophenol	7.66	139	276354	39.59	ng	#	84
27) 2,4-Dimethylphenol	7.72	122	436020	38.40	ng		94
28) bis(2-Chloroethoxy)methane	7.80	93	719616	41.53	ng		99
29) 2,4-Dichlorophenol	7.91	162	442352	41.41	ng		85
30) 1,2,4-Trichlorobenzene	7.98	180	433362	38.15	ng	#	92
31) Naphthalene	8.06	128	1439711	38.04	ng		99
32) Benzoic acid	7.86	122	290749	49.28	ng		95
33) 4-Chloroaniline	8.13	127	604926	39.38	ng		96
34) Hexachlorobutadiene	8.17	225	241296	41.24	ng		99
35) Caprolactam	8.50	113	136850	37.51	ng	#	17
36) 4-Chloro-3-methylphenol	8.62	107	473657	41.54	ng		98
37) 2-Methylnaphthalene	8.74	142	924365	38.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	413906	43.88	ng		100
40) Hexachlorocyclopentadiene	8.89	237	45249	28.22	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	274227	46.53	ng		91
43) 2,4,5-Trichlorophenol	9.09	196	290135	45.88	ng		95
45) 1,1'-Biphenyl	9.21	154	1120647	44.53	ng		97
46) 2-Chloronaphthalene	9.24	162	859964	44.65	ng		95
47) 2-Nitroaniline	9.35	65	357118	52.45	ng		95
48) Acenaphthylene	9.65	152	1322672	41.64	ng		99
49) Dimethylphthalate	9.52	163	1027976	44.89	ng		100
50) 2,6-Dinitrotoluene	9.59	165	219075	43.60	ng	#	64
51) Acenaphthene	9.82	154	767859	40.88	ng		96
52) 3-Nitroaniline	9.76	138	257852	42.71	ng		93
53) 2,4-Dinitrophenol	9.90	184	40123	17.53	ng	#	72
54) Dibenzofuran	9.99	168	1054004	44.83	ng		100
55) 4-Nitrophenol	9.97	139	106171m	36.21	ng		
56) 2,4-Dinitrotoluene	10.00	165	287536	46.58	ng		93
57) Fluorene	10.33	166	843619	42.34	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.13	232	197839	44.33	ng		97
59) Diethylphthalate	10.22	149	1014557	46.35	ng		95
60) 4-Chlorophenyl-phenylether	10.33	204	407148	45.59	ng	#	73
61) 4-Nitroaniline	10.38	138	226222	36.64	ng		97
62) Azobenzene	10.48	77	1157678	46.55	ng		91
64) 4,6-Dinitro-2-methylphenol	10.41	198	89542	23.59	ng	#	18
65) n-Nitrosodiphenylamine	10.45	169	748935	38.28	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	231784	37.41	ng		95
67) Hexachlorobenzene	10.88	284	223269	37.74	ng	#	68
68) Atrazine	10.98	200	270244	47.20	ng		98
69) Pentachlorophenol	11.10	266	54788	26.82	ng		98
70) Phenanthrene	11.29	178	1223296	36.58	ng		99
71) Anthracene	11.35	178	1304713	38.57	ng		99
72) Carbazole	11.51	167	1164429	36.64	ng		99
73) Di-n-butylphthalate	11.83	149	1396685	37.99	ng		98
74) Fluoranthene	12.48	202	1082395	33.51	ng		98
76) Benzidine	12.62	184	677419	53.87	ng		99
77) Pyrene	12.71	202	1062486	38.20	ng		99
79) Butylbenzylphthalate	13.33	149	525541	44.89	ng		89
80) Benzo(a)anthracene	13.90	228	850686	37.67	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	317082	40.09	ng	#	98
82) Chrysene	13.93	228	816861	39.09	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	683482	41.88	ng	#	98
84) Di-n-octyl phthalate	14.49	149	1077890	39.63	ng		97
85) Indeno(1,2,3-cd)pyrene	16.69	276	854119	48.83	ng	#	93
87) Benzo(b)fluoranthene	14.93	252	963863m	43.43	ng		
88) Benzo(k)fluoranthene	14.95	252	708300m	33.09	ng		
89) Benzo(a)pyrene	15.26	252	826242	40.74	ng	#	95
90) Dibenzo(a,h)anthracene	16.69	278	733375	43.70	ng		99
91) Benzo(g,h,i)perylene	17.09	276	732357	42.52	ng	#	88

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

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