Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089366.D
Acq On : 28 Jul 2016 16:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 29 01:52:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	52101	20.00	ng		-0.02
21) Naphthalene-d8	7.82	136	216338	20.00	ng		-0.01
38) Acenaphthene-d10	9.55	164	96980	20.00	ng		-0.02
63) Phenanthrene-d10	11.03	188	192822	20.00	ng		-0.02
75) Chrysene-d12	13.66	240	124413	20.00	ng		-0.01
86) Perylene-d12	14.98	264	91622	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	248812	76.25	ng		-0.01
7) Phenol-d6	6.19	99	334293	77.52	ng		-0.01
23) Nitrobenzene-d5	7.11	82	311308	84.94	ng		-0.01
41) 2,4,6-Tribromophenol	10.35	330	69621	86.68	ng		-0.01
44) 2-Fluorobiphenyl	8.89	172	542472	82.09	ng		-0.02
78) Terphenyl-d14	12.62	244	487713	91.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	54976	36.92	ng		99
3) Pyridine	2.52	79	130486	40.87	ng		99
4) n-Nitrosodimethylamine	2.50	42	51533	40.62	ng		92
6) Aniline	6.19	93	191533	41.13	ng		95
8) 2-Chlorophenol	6.31	128	145433	39.40	ng		87
9) Benzaldehyde	6.07	77	76361	36.27	ng		89
10) Phenol	6.20	94	190309	39.99	ng		97
11) bis(2-Chloroethyl)ether	6.27	93	150620	37.25	ng		92
12) 1,3-Dichlorobenzene	6.47	146	142505m	36.91	ng		
13) 1,4-Dichlorobenzene	6.55	146	163612	38.40	ng		96
14) 1,2-Dichlorobenzene	6.70	146	160083	40.11	ng		94
15) Benzyl Alcohol	6.70	79	106746	39.89	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.82	45	165724	37.58	ng		92
17) 2-Methylphenol	6.81	107	108088	37.89	ng		97
18) Hexachloroethane	7.04	117	60979	37.33	ng	#	79
19) n-Nitroso-di-n-propylamine	6.96	70	101729	39.12	ng	#	87
20) 3+4-Methylphenols	6.97	107	146710	40.05	ng		95
22) Acetophenone	6.96	105	211218	41.01	ng	#	98
24) Nitrobenzene	7.13	77	160430	38.46	ng		97
25) Isophorone	7.37	82	291583	39.49	ng		98
26) 2-Nitrophenol	7.44	139	78426	42.05	ng	#	82
27) 2,4-Dimethylphenol	7.50	122	125993	42.41	ng		97
28) bis(2-Chloroethoxy)methane	7.59	93	173329	42.41	ng		98
29) 2,4-Dichlorophenol	7.69	162	114774	42.39	ng		98
30) 1,2,4-Trichlorobenzene	7.76	180	126658	41.00	ng		95
31) Naphthalene	7.84	128	431237	40.25	ng		100
32) Benzoic acid	7.67	122	76616	37.01	ng		94
33) 4-Chloroaniline	7.91	127	164674	40.38	ng		100
34) Hexachlorobutadiene	7.95	225	66627	37.66	ng		100
35) Caprolactam	8.28	113	32338	39.57	ng		98
36) 4-Chloro-3-methylphenol	8.40	107	135725	42.18	ng		98
37) 2-Methylnaphthalene	8.52	142	262342	40.64	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	150900	44.46	ng		99
40) Hexachlorocyclopentadiene	8.68	237	34127	40.26	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	73153	45.34	ng		99
43) 2,4,5-Trichlorophenol	8.86	196	89866	43.97	ng	#	88
45) 1,1'-Biphenyl	8.99	154	361519	43.78	ng		97
46) 2-Chloronaphthalene	9.02	162	264612	42.67	ng		96
47) 2-Nitroaniline	9.12	65	83643	45.55	ng	#	73
48) Acenaphthylene	9.42	152	403467	41.31	ng		99
49) Dimethylphthalate	9.31	163	304749	41.29	ng		100
50) 2,6-Dinitrotoluene	9.37	165	66229	43.67	ng		88
51) Acenaphthene	9.59	154	226458	39.70	ng		100
52) 3-Nitroaniline	9.54	138	71052	44.40	ng		97
53) 2,4-Dinitrophenol	9.66	184	18314	37.69	ng		95
54) Dibenzofuran	9.77	168	310479	39.95	ng		97
55) 4-Nitrophenol	9.72	139	28339m	39.73	ng		
56) 2,4-Dinitrotoluene	9.77	165	88749	44.45	ng	#	84
57) Fluorene	10.10	166	267618	39.44	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.90	232	59323	43.47	ng		99
59) Diethylphthalate	10.00	149	321192	42.93	ng		99
60) 4-Chlorophenyl-phenylether	10.10	204	131110	42.13	ng	#	83
61) 4-Nitroaniline	10.15	138	69223	41.96	ng		99
62) Azobenzene	10.26	77	327374	42.48	ng		93
64) 4,6-Dinitro-2-methylphenol	10.18	198	44306	38.97	ng		93
65) n-Nitrosodiphenylamine	10.23	169	252687	42.00	ng		99
66) 4-Bromophenyl-phenylether	10.59	248	73979	40.18	ng		92
67) Hexachlorobenzene	10.65	284	78919	41.83	ng	#	79
68) Atrazine	10.76	200	74670	40.40	ng		97
69) Pentachlorophenol	10.84	266	32407	38.83	ng		97
70) Phenanthrene	11.06	178	376998	37.91	ng		100
71) Anthracene	11.11	178	443852	40.14	ng		99
72) Carbazole	11.27	167	374919	40.28	ng		98
73) Di-n-butylphthalate	11.61	149	491799	39.38	ng		99
74) Fluoranthene	12.23	202	394063	37.67	ng		94
76) Benzidine	12.37	184	192743	41.93	ng		98
77) Pyrene	12.46	202	411233	43.61	ng		100
79) Butylbenzylphthalate	13.10	149	197137	45.99	ng	#	86
80) Benzo(a)anthracene	13.65	228	294705	41.97	ng		99
81) 3,3'-Dichlorobenzidine	13.61	252	105277	41.67	ng	#	95
82) Chrysene	13.68	228	316196	42.31	ng		99
83) Bis(2-ethylhexyl)phthalate	13.66	149	275743	44.50	ng	#	97
84) Di-n-octyl phthalate	14.26	149	401486	41.52	ng		99
85) Indeno(1,2,3-cd)pyrene	16.17	276	210855	39.68	ng		99
87) Benzo(b)fluoranthene	14.64	252	249010m	43.76	ng		
88) Benzo(k)fluoranthene	14.66	252	202397m	38.69	ng		
89) Benzo(a)pyrene	14.94	252	207219	40.60	ng	#	94
90) Dibenzo(a,h)anthracene	16.18	278	173524	43.16	ng		97
91) Benzo(g,h,i)perylene	16.53	276	178139	45.07	ng		96

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

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