Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
Data File : BF090054.D
Acq On : 9 Sep 2016 18:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 10 04:59:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	176477	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	720362	20.00	ng		-0.02
38) Acenaphthene-d10	9.62	164	361543	20.00	ng		-0.01
63) Phenanthrene-d10	11.10	188	665547	20.00	ng		-0.01
75) Chrysene-d12	13.71	240	398772	20.00	ng		-0.01
86) Perylene-d12	15.05	264	393563	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	846682	76.79	ng		-0.01
7) Phenol-d6	6.24	99	1025386	76.54	ng		-0.01
23) Nitrobenzene-d5	7.16	82	992552	79.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.41	330	240894	67.54	ng		-0.01
44) 2-Fluorobiphenyl	8.96	172	1688534	76.67	ng		-0.01
78) Terphenyl-d14	12.67	244	1419166	87.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	191844	36.72	ng		97
3) Pyridine	2.64	79	510320	36.62	ng		100
4) n-Nitrosodimethylamine	2.59	42	249112	36.25	ng		99
6) Aniline	6.25	93	652238	35.68	ng		98
8) 2-Chlorophenol	6.38	128	489508	40.92	ng		97
9) Benzaldehyde	6.12	77	305797	35.38	ng		90
10) Phenol	6.25	94	546685	35.09	ng	#	73
11) bis(2-Chloroethyl)ether	6.33	93	461417	39.14	ng		98
12) 1,3-Dichlorobenzene	6.52	146	518029m	38.78	ng		
13) 1,4-Dichlorobenzene	6.60	146	542624	39.70	ng		98
14) 1,2-Dichlorobenzene	6.76	146	489771	39.97	ng		95
15) Benzyl Alcohol	6.74	79	318588	37.96	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.88	45	841875	37.45	ng		85
17) 2-Methylphenol	6.87	107	360728	37.76	ng		97
18) Hexachloroethane	7.10	117	180760	38.61	ng	#	88
19) n-Nitroso-di-n-propylamine	7.03	70	334683	38.34	ng		98
20) 3+4-Methylphenols	7.03	107	478230	41.30	ng	#	71
22) Acetophenone	7.02	105	664544	41.12	ng	#	91
24) Nitrobenzene	7.18	77	486622	36.85	ng		97
25) Isophorone	7.43	82	916057	36.27	ng		98
26) 2-Nitrophenol	7.50	139	229942	36.43	ng		96
27) 2,4-Dimethylphenol	7.55	122	443549	37.99	ng		98
28) bis(2-Chloroethoxy)methane	7.64	93	573676	37.66	ng		99
29) 2,4-Dichlorophenol	7.75	162	428865	40.97	ng		92
30) 1,2,4-Trichlorobenzene	7.83	180	445481	38.93	ng		97
31) Naphthalene	7.90	128	1272434	35.46	ng		100
32) Benzoic acid	7.68	122	224096m	28.49	ng		
33) 4-Chloroaniline	7.95	127	533826	36.87	ng		96
34) Hexachlorobutadiene	8.02	225	250795	37.40	ng		99
35) Caprolactam	8.34	113	113129	34.24	ng		99
36) 4-Chloro-3-methylphenol	8.46	107	424089	38.25	ng		96
37) 2-Methylnaphthalene	8.59	142	953931	40.23	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	441802	41.71	ng		98
40) Hexachlorocyclopentadiene	8.74	237	98077	18.06	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	308377	42.01	ng		97
43) 2,4,5-Trichlorophenol	8.91	196	277139	39.26	ng		97
45) 1,1'-Biphenyl	9.06	154	1232364	42.33	ng		96
46) 2-Chloronaphthalene	9.07	162	808858	39.28	ng		98
47) 2-Nitroaniline	9.18	65	259170	38.50	ng		93
48) Acenaphthylene	9.48	152	1271636	37.35	ng		100
49) Dimethylphthalate	9.37	163	1043157	39.92	ng		99
50) 2,6-Dinitrotoluene	9.43	165	247361	42.56	ng	#	78
51) Acenaphthene	9.66	154	767150	35.56	ng		99
52) 3-Nitroaniline	9.59	138	249363	37.62	ng		97
53) 2,4-Dinitrophenol	9.70	184	7347	5.34	ng	#	56
54) Dibenzofuran	9.83	168	1061793	36.73	ng		97
55) 4-Nitrophenol	9.76	139	117938	23.59	ng	#	55
56) 2,4-Dinitrotoluene	9.83	165	270426	36.69	ng	#	90
57) Fluorene	10.17	166	859639	40.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	204436m	33.83	ng		
59) Diethylphthalate	10.07	149	988756	40.22	ng		96
60) 4-Chlorophenyl-phenylether	10.17	204	413701	41.62	ng	#	88
61) 4-Nitroaniline	10.20	138	250460	38.46	ng		98
62) Azobenzene	10.33	77	908164	36.98	ng		85
64) 4,6-Dinitro-2-methylphenol	10.23	198	16428	3.86	ng		83
65) n-Nitrosodiphenylamine	10.30	169	796495	39.81	ng		98
66) 4-Bromophenyl-phenylether	10.65	248	274345	40.95	ng	#	89
67) Hexachlorobenzene	10.72	284	318907	41.67	ng	#	73
68) Atrazine	10.82	200	243241	36.41	ng		99
69) Pentachlorophenol	10.91	266	117820	28.61	ng		99
70) Phenanthrene	11.12	178	1192666	35.99	ng		99
71) Anthracene	11.18	178	1361089	40.49	ng		99
72) Carbazole	11.34	167	1211870	38.45	ng		98
73) Di-n-butylphthalate	11.68	149	1423453	38.75	ng		99
74) Fluoranthene	12.30	202	1167291	33.61	ng		98
76) Benzidine	12.43	184	261164	17.29	ng		97
77) Pyrene	12.53	202	1164202	41.41	ng		98
79) Butylbenzylphthalate	13.17	149	467866	41.26	ng	#	76
80) Benzo(a)anthracene	13.70	228	921579	37.73	ng		100
81) 3,3'-Dichlorobenzidine	13.68	252	306667	34.78	ng	#	96
82) Chrysene	13.74	228	784093	34.37	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	614529	39.18	ng	#	96
84) Di-n-octyl phthalate	14.33	149	1002495	39.60	ng		99
85) Indeno(1,2,3-cd)pyrene	16.26	276	833394	49.41	ng		98
87) Benzo(b)fluoranthene	14.70	252	929004m	37.68	ng		
88) Benzo(k)fluoranthene	14.72	252	775891m	37.09	ng		
89) Benzo(a)pyrene	15.01	252	845680	40.03	ng		100
90) Dibenzo(a,h)anthracene	16.29	278	700635	45.27	ng		99
91) Benzo(g,h,i)perylene	16.63	276	646219	41.48	ng		99

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

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