Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091733.D
Acq On : 18 Dec 2016 13:22
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 19 16:22:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	408406	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1602234	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	792076	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1154494	20.00	ng		0.00
75) Chrysene-d12	13.93	240	900632	20.00	ng		0.00
86) Perylene-d12	15.32	264	866845	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1971889	80.89	ng		0.00
7) Phenol-d6	6.42	99	2354770	79.21	ng		0.00
23) Nitrobenzene-d5	7.34	82	2352348	84.67	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	503233	74.93	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	3338314	84.67	ng		0.00
78) Terphenyl-d14	12.88	244	2565753	71.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	543340	45.26	ng		98
3) Pyridine	3.01	79	1469137	37.99	ng		97
4) n-Nitrosodimethylamine	2.99	42	593434	39.65	ng		98
6) Aniline	6.44	93	1611976	42.14	ng	#	44
8) 2-Chlorophenol	6.56	128	1078868	40.21	ng		98
9) Benzaldehyde	6.32	77	759907	45.44	ng		98
10) Phenol	6.43	94	1294357	38.63	ng		100
11) bis(2-Chloroethyl)ether	6.51	93	1062471	39.70	ng		98
12) 1,3-Dichlorobenzene	6.72	146	1216844	41.29	ng		98
13) 1,4-Dichlorobenzene	6.78	146	1133935	38.03	ng		99
14) 1,2-Dichlorobenzene	6.94	146	1104571	42.29	ng		100
15) Benzyl Alcohol	6.92	79	872935	37.92	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1678996	41.06	ng		99
17) 2-Methylphenol	7.04	107	917768	40.93	ng		99
18) Hexachloroethane	7.29	117	460676	41.59	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	800095	40.46	ng		100
20) 3+4-Methylphenols	7.20	107	943817	37.73	ng		97
22) Acetophenone	7.18	105	1575088	40.71	ng		99
24) Nitrobenzene	7.36	77	1187614	39.80	ng		99
25) Isophorone	7.61	82	2241494	42.28	ng		99
26) 2-Nitrophenol	7.68	139	630055	43.78	ng		97
27) 2,4-Dimethylphenol	7.72	122	979222	41.70	ng		97
28) bis(2-Chloroethoxy)methane	7.81	93	1235903	39.85	ng		99
29) 2,4-Dichlorophenol	7.92	162	894996	41.33	ng		87
30) 1,2,4-Trichlorobenzene	8.00	180	983846	41.92	ng	#	93
31) Naphthalene	8.08	128	2971276	38.82	ng		99
32) Benzoic acid	7.87	122	795866	47.56	ng		99
33) 4-Chloroaniline	8.13	127	1318883	40.90	ng		99
34) Hexachlorobutadiene	8.20	225	534065	40.47	ng		99
35) Caprolactam	8.52	113	279127	40.06	ng	#	67
36) 4-Chloro-3-methylphenol	8.62	107	975100	40.82	ng		98
37) 2-Methylnaphthalene	8.77	142	1990980	41.26	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	837158	42.40	ng		100
40) Hexachlorocyclopentadiene	8.92	237	395651	47.28	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	624132	44.24	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	620462	44.77	ng		98
45) 1,1'-Biphenyl	9.24	154	2470125	43.51	ng		100
46) 2-Chloronaphthalene	9.26	162	1866056	43.98	ng		99
47) 2-Nitroaniline	9.36	65	603340	41.65	ng		98
48) Acenaphthylene	9.68	152	2703897	41.13	ng		99
49) Dimethylphthalate	9.55	163	2232999	43.16	ng		99
50) 2,6-Dinitrotoluene	9.61	165	517584	45.63	ng		96
51) Acenaphthene	9.85	154	1867970	41.40	ng		99
52) 3-Nitroaniline	9.77	138	561179	39.73	ng		100
53) 2,4-Dinitrophenol	9.88	184	266876	43.55	ng		95
54) Dibenzofuran	10.02	168	2273929	42.39	ng		99
55) 4-Nitrophenol	9.94	139	423925	43.22	ng		96
56) 2,4-Dinitrotoluene	10.01	165	617650	43.59	ng		98
57) Fluorene	10.36	166	1772668	42.54	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	422792	36.90	ng		98
59) Diethylphthalate	10.24	149	1884098	37.04	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	674794	35.55	ng		99
61) 4-Nitroaniline	10.38	138	499856	37.35	ng		100
62) Azobenzene	10.51	77	2005261	37.06	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	365404	47.99	ng		96
65) n-Nitrosodiphenylamine	10.48	169	1557550	43.45	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	520618	43.00	ng		94
67) Hexachlorobenzene	10.91	284	568710	44.83	ng	#	89
68) Atrazine	11.00	200	426632	39.38	ng		98
69) Pentachlorophenol	11.10	266	325674m	47.58	ng		
70) Phenanthrene	11.32	178	2587046	44.85	ng		99
71) Anthracene	11.37	178	2349811	38.46	ng		100
72) Carbazole	11.53	167	2496932	46.73	ng		99
73) Di-n-butylphthalate	11.86	149	2628617	38.37	ng		100
74) Fluoranthene	12.50	202	2354476	39.08	ng		99
76) Benzidine	12.62	184	941198	36.30	ng		99
77) Pyrene	12.73	202	2445076	37.59	ng		99
79) Butylbenzylphthalate	13.36	149	1310242	43.04	ng		87
80) Benzo(a)anthracene	13.92	228	1886539	36.62	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	777572	37.72	ng		96
82) Chrysene	13.95	228	1982936	37.13	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	1448694	37.52	ng	#	98
84) Di-n-octyl phthalate	14.52	149	2837611	39.88	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	1978704	37.69	ng		100
87) Benzo(b)fluoranthene	14.93	252	2123300	38.63	ng		99
88) Benzo(k)fluoranthene	14.97	252	1988686m	51.56	ng		
89) Benzo(a)pyrene	15.28	252	2032691	43.09	ng	#	97
90) Dibenzo(a,h)anthracene	16.69	278	1665511	40.50	ng		99
91) Benzo(g,h,i)perylene	17.08	276	1697288	40.61	ng	#	95

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

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