Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090377.D
Acq On : 5 Oct 2016 13:20
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Oct 05 13:45:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 13:33:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	299314	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1245317	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	640439	20.00	ng		0.01
63) Phenanthrene-d10	11.55	188	996364	20.00	ng		0.00
75) Chrysene-d12	14.20	240	806195	20.00	ng		0.00
86) Perylene-d12	15.71	264	506092	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1773978	93.48	ng		0.00
7) Phenol-d6	6.63	99	2401527	101.24	ng		0.01
23) Nitrobenzene-d5	7.57	82	2344881	109.76	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	522075	93.86	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	3179718	80.95	ng		0.00
78) Terphenyl-d14	13.14	244	3180077	91.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	468201	50.55	ng	#	94
3) Pyridine	3.49	79	1337531	54.47	ng		87
4) n-Nitrosodimethylamine	3.45	42	558389	62.78	ng	#	64
6) Aniline	6.67	93	1715842	52.64	ng		98
8) 2-Chlorophenol	6.79	128	1102895	51.72	ng		95
9) Benzaldehyde	6.55	77	649261	58.97	ng		98
10) Phenol	6.65	94	1451360	50.31	ng		99
11) bis(2-Chloroethyl)ether	6.74	93	986530	48.15	ng		88
12) 1,3-Dichlorobenzene	6.94	146	998214	45.07	ng	#	88
13) 1,4-Dichlorobenzene	7.02	146	1045838	46.50	ng		99
14) 1,2-Dichlorobenzene	7.18	146	1078405	50.44	ng		97
15) Benzyl Alcohol	7.15	79	1021065	61.06	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1787239	57.07	ng		93
17) 2-Methylphenol	7.25	107	896573	54.28	ng		98
18) Hexachloroethane	7.53	117	438254	53.86	ng		97
19) n-Nitroso-di-n-propylamine	7.42	70	875841	57.82	ng	#	85
20) 3+4-Methylphenols	7.41	107	1008965	48.05	ng		93
22) Acetophenone	7.42	105	1511653	52.43	ng	#	89
24) Nitrobenzene	7.59	77	1381379	60.56	ng		98
25) Isophorone	7.83	82	2204631	54.24	ng		98
26) 2-Nitrophenol	7.90	139	535896	60.88	ng	#	66
27) 2,4-Dimethylphenol	7.95	122	1068488	53.81	ng		99
28) bis(2-Chloroethoxy)methane	8.04	93	1251816	49.60	ng	#	97
29) 2,4-Dichlorophenol	8.15	162	823431	50.65	ng		97
30) 1,2,4-Trichlorobenzene	8.23	180	786371	43.19	ng		99
31) Naphthalene	8.31	128	2747408	46.16	ng		99
32) Benzoic acid	8.09	122	822425	70.43	ng		93
33) 4-Chloroaniline	8.36	127	1122443	47.21	ng		99
34) Hexachlorobutadiene	8.44	225	489126	45.64	ng		99
35) Caprolactam	8.75	113	241405	56.78	ng		98
36) 4-Chloro-3-methylphenol	8.84	107	971173	55.63	ng		92
37) 2-Methylnaphthalene	9.01	142	1742053	46.64	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	870069	48.13	ng		99
40) Hexachlorocyclopentadiene	9.17	237	504538	47.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	538286	47.33	ng		97
43) 2,4,5-Trichlorophenol	9.33	196	544661	47.60	ng	#	89
45) 1,1'-Biphenyl	9.48	154	2314636	46.68	ng		98
46) 2-Chloronaphthalene	9.50	162	1600997	43.02	ng		98
47) 2-Nitroaniline	9.59	65	687417	67.67	ng		93
48) Acenaphthylene	9.93	152	2787594	49.51	ng		99
49) Dimethylphthalate	9.78	163	1761436	46.46	ng		100
50) 2,6-Dinitrotoluene	9.83	165	394899	47.62	ng		88
51) Acenaphthene	10.10	154	1805428	52.69	ng		99
52) 3-Nitroaniline	10.01	138	446867	47.57	ng		88
53) 2,4-Dinitrophenol	10.11	184	230867	92.08	ng	#	77
54) Dibenzofuran	10.27	168	2289613	50.54	ng		96
55) 4-Nitrophenol	10.17	139	460710	61.59	ng	#	65
56) 2,4-Dinitrotoluene	10.25	165	647118	64.83	ng	#	75
57) Fluorene	10.61	166	1873190	49.43	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	434115	53.80	ng	#	89
59) Diethylphthalate	10.49	149	1959192	50.56	ng		97
60) 4-Chlorophenyl-phenylether	10.60	204	859302	47.82	ng		99
61) 4-Nitroaniline	10.62	138	497377	58.86	ng		95
62) Azobenzene	10.76	77	2270948	56.23	ng		91
64) 4,6-Dinitro-2-methylphenol	10.66	198	320081	84.21	ng	#	42
65) n-Nitrosodiphenylamine	10.71	169	1565967	46.09	ng		98
66) 4-Bromophenyl-phenylether	11.09	248	496995	46.16	ng		92
67) Hexachlorobenzene	11.16	284	548683	43.36	ng	#	88
68) Atrazine	11.24	200	377407	46.40	ng		97
69) Pentachlorophenol	11.35	266	344063	48.50	ng		97
70) Phenanthrene	11.57	178	2271805	42.50	ng		100
71) Anthracene	11.63	178	2568486	48.14	ng		99
72) Carbazole	11.78	167	2156362	43.96	ng		99
73) Di-n-butylphthalate	12.11	149	2655433	45.30	ng		99
74) Fluoranthene	12.77	202	2476379	48.84	ng		91
76) Benzidine	12.89	184	1088243	49.09	ng		98
77) Pyrene	13.00	202	2616950	50.70	ng		99
79) Butylbenzylphthalate	13.62	149	1329171	65.33	ng		90
80) Benzo(a)anthracene	14.19	228	2052555	45.40	ng		100
81) 3,3'-Dichlorobenzidine	14.16	252	842094	54.07	ng	#	97
82) Chrysene	14.24	228	1890055	44.62	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1721238	52.89	ng	#	99
84) Di-n-octyl phthalate	14.80	149	2537933	53.67	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.23	276	1409581	30.96	ng	#	94
87) Benzo(b)fluoranthene	15.26	252	1490836	51.22	ng	#	95
88) Benzo(k)fluoranthene	15.30	252	1583398	56.96	ng		98
89) Benzo(a)pyrene	15.64	252	1341918	50.55	ng	#	95
90) Dibenzo(a,h)anthracene	17.25	278	1181724	45.40	ng	#	93
91) Benzo(g,h,i)perylene	17.70	276	1132542	44.42	ng		97

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

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