Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090500.D
Acq On : 11 Oct 2016 13:41
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
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10/12/2016 4:08:07 PM

Quant Time: Oct 11 16:07:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 13:13:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	209541	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	859490	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	435051	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	721179	20.00	ng		0.01
75) Chrysene-d12	14.13	240	569919	20.00	ng		0.00
86) Perylene-d12	15.61	264	512203	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1762179	125.51	ng		0.00
7) Phenol-d6	6.60	99	2421664	131.69	ng		0.01
23) Nitrobenzene-d5	7.53	82	2070060	117.16	ng		0.01
41) 2,4,6-Tribromophenol	10.79	330	612733	173.21	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	3511742	134.49	ng		0.00
78) Terphenyl-d14	13.08	244	3272251	129.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	490753	70.91	ng	#	84
3) Pyridine	3.38	79	1387654	71.91	ng	#	75
4) n-Nitrosodimethylamine	3.34	42	454428	57.07	ng	#	38
6) Aniline	6.62	93	1534527	60.41	ng		98
8) 2-Chlorophenol	6.75	128	1086157	70.30	ng		86
9) Benzaldehyde	6.50	77	710310	76.42	ng		96
10) Phenol	6.61	94	1477195	69.09	ng		88
11) bis(2-Chloroethyl)ether	6.69	93	948421	57.94	ng		97
12) 1,3-Dichlorobenzene	6.90	146	1102710	71.60	ng		97
13) 1,4-Dichlorobenzene	6.98	146	1213110	77.55	ng		94
14) 1,2-Dichlorobenzene	7.13	146	953929	63.29	ng		96
15) Benzyl Alcohol	7.10	79	934500	66.85	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	1440136	51.87	ng		86
17) 2-Methylphenol	7.22	107	894249	70.37	ng		99
18) Hexachloroethane	7.47	117	410210	66.52	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	715223	53.04	ng	#	81
20) 3+4-Methylphenols	7.37	107	960976	58.43	ng	#	86
22) Acetophenone	7.38	105	1363565	66.98	ng	#	85
24) Nitrobenzene	7.55	77	1253693	71.47	ng	#	81
25) Isophorone	7.79	82	2050582	63.48	ng		96
26) 2-Nitrophenol	7.86	139	558758	74.01	ng	#	88
27) 2,4-Dimethylphenol	7.90	122	1029783	70.13	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	1260148	65.96	ng		98
29) 2,4-Dichlorophenol	8.11	162	823105	73.73	ng		96
30) 1,2,4-Trichlorobenzene	8.19	180	990208	86.07	ng		97
31) Naphthalene	8.27	128	2862775	69.04	ng		99
32) Benzoic acid	8.05	122	812628	79.61	ng		98
33) 4-Chloroaniline	8.31	127	1256055	73.29	ng	#	93
34) Hexachlorobutadiene	8.38	225	494513	76.93	ng		100
35) Caprolactam	8.70	113	269059	71.69	ng	#	77
36) 4-Chloro-3-methylphenol	8.81	107	928440	66.42	ng	#	82
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	911107	79.43	ng		99
40) Hexachlorocyclopentadiene	9.11	237	467039	74.28	ng		99
42) 2,4,6-Trichlorophenol	9.24	196	645555	81.56	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.27	196	600685	80.26	ng		98
45) 1,1'-Biphenyl	9.42	154	2094737	64.98	ng		98
46) 2-Chloronaphthalene	9.45	162	1742499	73.15	ng		99
47) 2-Nitroaniline	9.54	65	635191	67.59	ng		96
48) Acenaphthylene	9.87	152	2802129	71.30	ng		99
49) Dimethylphthalate	9.73	163	2038706	73.17	ng		100
50) 2,6-Dinitrotoluene	9.79	165	497756	80.47	ng	#	81
51) Acenaphthene	10.04	154	1871779	76.38	ng		97
52) 3-Nitroaniline	9.96	138	597795	82.73	ng		95
53) 2,4-Dinitrophenol	10.06	184	324146	117.53	ng	#	77
54) Dibenzofuran	10.21	168	2496631	78.71	ng		95
55) 4-Nitrophenol	10.12	139	537037	84.94	ng	#	77
56) 2,4-Dinitrotoluene	10.19	165	596875	72.50	ng	#	49
57) Fluorene	10.55	166	1945386	72.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	522143	93.42	ng		90
59) Diethylphthalate	10.43	149	2153056	74.69	ng		96
60) 4-Chlorophenyl-phenylether	10.54	204	904674	74.64	ng		98
61) 4-Nitroaniline	10.58	138	578876	79.51	ng		94
62) Azobenzene	10.70	77	2060935	61.89	ng		91
64) 4,6-Dinitro-2-methylphenol	10.60	198	349855	79.94	ng	#	73
65) n-Nitrosodiphenylamine	10.67	169	1837360	76.03	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	610833	86.41	ng		98
67) Hexachlorobenzene	11.10	284	686632	87.22	ng		98
68) Atrazine	11.19	200	565685	94.93	ng		96
69) Pentachlorophenol	11.30	266	462960	98.79	ng		98
70) Phenanthrene	11.52	178	2507689	67.91	ng		100
71) Anthracene	11.57	178	3039012	80.59	ng		99
72) Carbazole	11.72	167	2388994	68.19	ng		100
73) Di-n-butylphthalate	12.05	149	3014289	70.69	ng		99
74) Fluoranthene	12.70	202	2657861	73.38	ng		99
76) Benzidine	12.83	184	1530332	102.12	ng	#	95
77) Pyrene	12.93	202	2989200	78.66	ng		100
79) Butylbenzylphthalate	13.55	149	1326629	68.03	ng	#	85
80) Benzo(a)anthracene	14.13	228	2748334	85.95	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	950209	81.96	ng	#	96
82) Chrysene	14.17	228	2502580	85.04	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	1872856	67.57	ng	#	100
84) Di-n-octyl phthalate	14.73	149	2932304	71.36	ng	#	87
85) Indeno(1,2,3-cd)pyrene	17.10	276	2305048	109.86	ng		98
87) Benzo(b)fluoranthene	15.18	252	2523973	77.36	ng	#	96
88) Benzo(k)fluoranthene	15.22	252	2380715m	77.68	ng		
89) Benzo(a)pyrene	15.56	252	2412487	85.79	ng		98
90) Dibenzo(a,h)anthracene	17.13	278	2034902	85.05	ng		99
91) Benzo(g,h,i)perylene	17.55	276	1857688	80.91	ng		97

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

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