Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101316\
Data File : BF090552.D
Acq On : 13 Oct 2016 20:13
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
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10/14/2016 6:38:47 PM

Quant Time: Oct 14 01:30:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 01:18:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	206955	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	873169	20.00	ng		0.00
38) Acenaphthene-d10	9.97	164	469995	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	762377	20.00	ng		0.00
75) Chrysene-d12	14.10	240	633298	20.00	ng		0.00
86) Perylene-d12	15.56	264	372646	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1199917	91.91	ng		0.00
7) Phenol-d6	6.57	99	1695817	100.61	ng		0.01
23) Nitrobenzene-d5	7.49	82	1438269	88.26	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	443447	97.65	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	2509671	90.28	ng		0.00
78) Terphenyl-d14	13.05	244	2740643	105.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	318992	48.84	ng		95
3) Pyridine	3.31	79	733837	41.74	ng		93
4) n-Nitrosodimethylamine	3.27	42	241491	41.75	ng		78
6) Aniline	6.59	93	1010732	47.41	ng		99
8) 2-Chlorophenol	6.70	128	729532	51.15	ng		98
9) Benzaldehyde	6.47	77	470758	43.94	ng		96
10) Phenol	6.58	94	1006198	53.22	ng		94
11) bis(2-Chloroethyl)ether	6.66	93	802326	55.34	ng		99
12) 1,3-Dichlorobenzene	6.86	146	736759	48.78	ng		98
13) 1,4-Dichlorobenzene	6.94	146	764761	48.56	ng		99
14) 1,2-Dichlorobenzene	7.09	146	716845	50.40	ng		99
15) Benzyl Alcohol	7.07	79	541172	41.84	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	905697	42.89	ng		91
17) 2-Methylphenol	7.18	107	570531	48.80	ng		98
18) Hexachloroethane	7.43	117	288928	49.19	ng		94
19) n-Nitroso-di-n-propylamine	7.34	70	531869	47.95	ng	#	86
20) 3+4-Methylphenols	7.34	107	653922	44.89	ng	#	81
22) Acetophenone	7.33	105	914908	47.41	ng	#	94
24) Nitrobenzene	7.51	77	738454	43.28	ng	#	80
25) Isophorone	7.74	82	1336532	45.54	ng		99
26) 2-Nitrophenol	7.82	139	383491	49.36	ng		91
27) 2,4-Dimethylphenol	7.87	122	595259	45.08	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	832490	45.44	ng		100
29) 2,4-Dichlorophenol	8.07	162	530689	48.12	ng		97
30) 1,2,4-Trichlorobenzene	8.15	180	627998	49.04	ng		99
31) Naphthalene	8.23	128	2117595	48.31	ng		99
32) Benzoic acid	8.01	122	390913	38.91	ng		93
33) 4-Chloroaniline	8.28	127	845640	46.11	ng		97
34) Hexachlorobutadiene	8.35	225	357311	50.14	ng		99
35) Caprolactam	8.66	113	148144	41.47	ng	#	82
36) 4-Chloro-3-methylphenol	8.77	107	595148	46.06	ng	#	75
37) 2-Methylnaphthalene	8.92	142	1247786	42.84	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	651806	50.38	ng		98
40) Hexachlorocyclopentadiene	9.08	237	335423	52.72	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	379826	43.64	ng		99
43) 2,4,5-Trichlorophenol	9.24	196	418569	48.49	ng		97
45) 1,1'-Biphenyl	9.39	154	1645385	46.28	ng		97
46) 2-Chloronaphthalene	9.41	162	1203135	45.42	ng		98
47) 2-Nitroaniline	9.51	65	362939	37.95	ng	#	76
48) Acenaphthylene	9.83	152	2076607	48.22	ng		99
49) Dimethylphthalate	9.70	163	1503425	48.14	ng	#	98
50) 2,6-Dinitrotoluene	9.75	165	348609	49.82	ng		95
51) Acenaphthene	10.01	154	1425614	49.63	ng		99
52) 3-Nitroaniline	9.93	138	424157	48.98	ng		96
53) 2,4-Dinitrophenol	10.03	184	176499	48.13	ng		90
54) Dibenzofuran	10.18	168	1810380	47.25	ng		99
55) 4-Nitrophenol	10.10	139	265650	41.78	ng	#	83
56) 2,4-Dinitrotoluene	10.15	165	449491	48.31	ng		92
57) Fluorene	10.52	166	1521291	48.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	346154	47.54	ng		94
59) Diethylphthalate	10.39	149	1532114	47.86	ng	#	94
60) 4-Chlorophenyl-phenylether	10.51	204	723157	50.51	ng		97
61) 4-Nitroaniline	10.55	138	431585	49.84	ng		90
62) Azobenzene	10.67	77	1849127	52.81	ng		98
64) 4,6-Dinitro-2-methylphenol	10.57	198	251583	49.54	ng		87
65) n-Nitrosodiphenylamine	10.63	169	1252025	50.34	ng		100
66) 4-Bromophenyl-phenylether	11.00	248	427135	51.05	ng		94
67) Hexachlorobenzene	11.07	284	462196	50.19	ng	#	66
68) Atrazine	11.16	200	369270	48.49	ng		93
69) Pentachlorophenol	11.26	266	225493	41.58	ng		98
70) Phenanthrene	11.48	178	2012309	48.46	ng		98
71) Anthracene	11.54	178	2120092	49.42	ng		99
72) Carbazole	11.69	167	1900711	47.79	ng		98
73) Di-n-butylphthalate	12.02	149	2259797	47.15	ng		99
74) Fluoranthene	12.67	202	2057996	48.57	ng		98
76) Benzidine	12.80	184	864333	43.73	ng		98
77) Pyrene	12.90	202	2057903	51.33	ng		99
79) Butylbenzylphthalate	13.52	149	937348	50.12	ng		98
80) Benzo(a)anthracene	14.09	228	1742277	45.83	ng		99
81) 3,3'-Dichlorobenzidine	14.05	252	636576	47.65	ng		99
82) Chrysene	14.12	228	1562666	44.66	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	1213549	44.95	ng		100
84) Di-n-octyl phthalate	14.69	149	1639871	40.32	ng		99
85) Indeno(1,2,3-cd)pyrene	17.01	276	1066652	38.04	ng		100
87) Benzo(b)fluoranthene	15.14	252	1279772	51.83	ng	#	95
88) Benzo(k)fluoranthene	15.16	252	1164801m	52.00	ng		
89) Benzo(a)pyrene	15.49	252	1104445	51.12	ng		100
90) Dibenzo(a,h)anthracene	17.04	278	914053	50.47	ng		96
91) Benzo(g,h,i)perylene	17.45	276	890800	52.76	ng		98

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

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