Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093728.D
Acq On : 18 Mar 2017 2:26
Operator : SJ/MA
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
3/20/2017 12:58:17 PM

Quant Time: Mar 18 04:39:30 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 04:23:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	235771	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	989028	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	486701	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	765215	20.00	ng		0.00
75) Chrysene-d12	14.00	240	438603	20.00	ng		0.00
86) Perylene-d12	15.41	264	428205	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1248106	88.54	ng		0.00
7) Phenol-d6	6.48	99	1620777	92.88	ng		0.00
23) Nitrobenzene-d5	7.42	82	1580798	105.50	ng		0.01
41) 2,4,6-Tribromophenol	10.68	330	326770	103.72	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	2099160	83.93	ng		0.00
78) Terphenyl-d14	12.95	244	1869644	91.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	354145	48.66	ng		99
3) Pyridine	3.16	79	1001762	51.59	ng		98
4) n-Nitrosodimethylamine	3.11	42	439925	49.84	ng		100
6) Aniline	6.52	93	1228811	48.54	ng		95
8) 2-Chlorophenol	6.63	128	735366	46.67	ng		91
9) Benzaldehyde	6.39	77	419754	41.57	ng		96
10) Phenol	6.49	94	876827	43.67	ng		88
11) bis(2-Chloroethyl)ether	6.58	93	709183	43.30	ng		97
12) 1,3-Dichlorobenzene	6.79	146	791457	45.05	ng		97
13) 1,4-Dichlorobenzene	6.87	146	875687	48.89	ng		98
14) 1,2-Dichlorobenzene	7.03	146	720005m	42.95	ng		
15) Benzyl Alcohol	7.00	79	665561	50.59	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1217668	47.72	ng		100
17) 2-Methylphenol	7.11	107	680125	49.48	ng		97
18) Hexachloroethane	7.37	117	310319	49.34	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	571849	48.89	ng		95
20) 3+4-Methylphenols	7.27	107	767878	47.12	ng		96
22) Acetophenone	7.27	105	1016404	48.55	ng	#	90
24) Nitrobenzene	7.43	77	792086	48.08	ng		96
25) Isophorone	7.68	82	1510810	47.23	ng		96
26) 2-Nitrophenol	7.75	139	376064	63.10	ng		92
27) 2,4-Dimethylphenol	7.80	122	754539	49.63	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	872387	43.09	ng		99
29) 2,4-Dichlorophenol	7.99	162	606823	45.93	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	655293	47.73	ng		99
31) Naphthalene	8.16	128	2224574	46.61	ng		99
32) Benzoic acid	7.92	122	495429	72.90	ng		99
33) 4-Chloroaniline	8.21	127	971432	48.17	ng	#	92
34) Hexachlorobutadiene	8.29	225	334227	46.22	ng		98
35) Caprolactam	8.58	113	204012	45.05	ng		95
36) 4-Chloro-3-methylphenol	8.69	107	659262	47.46	ng		86
37) 2-Methylnaphthalene	8.85	142	1306068	41.00	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	550088	45.98	ng		98
40) Hexachlorocyclopentadiene	9.01	237	268275	46.97	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	417368	50.18	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	433246	50.21	ng		97
45) 1,1'-Biphenyl	9.32	154	1591796	44.98	ng		98
46) 2-Chloronaphthalene	9.34	162	1315736	48.01	ng		95
47) 2-Nitroaniline	9.43	65	447708	59.02	ng	#	66
48) Acenaphthylene	9.75	152	1980641	43.57	ng		99
49) Dimethylphthalate	9.62	163	1513776	47.06	ng	#	98
50) 2,6-Dinitrotoluene	9.67	165	316594	45.53	ng	#	76
51) Acenaphthene	9.92	154	1152371	43.07	ng		100
52) 3-Nitroaniline	9.84	138	473375	59.04	ng		85
53) 2,4-Dinitrophenol	9.93	184	116885	66.51	ng	#	1
54) Dibenzofuran	10.09	168	1612461	44.24	ng		97
55) 4-Nitrophenol	9.99	139	309944	55.42	ng	#	60
56) 2,4-Dinitrotoluene	10.07	165	424708	53.91	ng	#	77
57) Fluorene	10.44	166	1193639	42.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	291375	49.57	ng		99
59) Diethylphthalate	10.31	149	1458368	47.67	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	521217	44.96	ng		98
61) 4-Nitroaniline	10.45	138	371687	51.89	ng		89
62) Azobenzene	10.58	77	1445700	46.64	ng		98
64) 4,6-Dinitro-2-methylphenol	10.48	198	220986	67.03	ng	#	69
65) n-Nitrosodiphenylamine	10.55	169	1252864	50.13	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	330931	44.50	ng		94
67) Hexachlorobenzene	10.98	284	349835	45.86	ng	#	86
68) Atrazine	11.08	200	351805	45.31	ng		95
69) Pentachlorophenol	11.17	266	220761	53.43	ng		99
70) Phenanthrene	11.40	178	2005086	46.21	ng		100
71) Anthracene	11.44	178	1756211	42.41	ng		99
72) Carbazole	11.59	167	1900525	42.32	ng		100
73) Di-n-butylphthalate	11.93	149	1979352	43.78	ng		100
74) Fluoranthene	12.57	202	1787016	39.99	ng		99
76) Benzidine	12.69	184	792063	43.31	ng		99
77) Pyrene	12.80	202	1876414	51.04	ng		99
79) Butylbenzylphthalate	13.43	149	925588	59.96	ng		96
80) Benzo(a)anthracene	13.98	228	1395634	49.86	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	521768	51.98	ng	#	93
82) Chrysene	14.03	228	1353930	49.38	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	886087	49.33	ng		99
84) Di-n-octyl phthalate	14.60	149	1669038	49.59	ng		100
85) Indeno(1,2,3-cd)pyrene	16.78	276	1205579	49.63	ng		100
87) Benzo(b)fluoranthene	15.01	252	1226255	42.20	ng		99
88) Benzo(k)fluoranthene	15.04	252	1214186m	55.99	ng		
89) Benzo(a)pyrene	15.35	252	1129009	46.26	ng		98
90) Dibenzo(a,h)anthracene	16.80	278	1018334	48.64	ng		96
91) Benzo(g,h,i)perylene	17.20	276	1046326	49.03	ng		98

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

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