Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092097.D
Acq On : 5 Jan 2017 18:37
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/6/2017 10:10:04 AM

Quant Time: Jan 06 00:15:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	238189	20.00	ng		-0.05
21) Naphthalene-d8	7.94	136	1002965	20.00	ng		-0.05
38) Acenaphthene-d10	9.69	164	569079	20.00	ng		-0.06
63) Phenanthrene-d10	11.17	188	886500	20.00	ng		-0.06
75) Chrysene-d12	13.80	240	558187	20.00	ng		-0.07
86) Perylene-d12	15.17	264	521797	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1192993	83.63	ng		-0.07
7) Phenol-d6	6.32	99	1449329	83.22	ng		-0.06
23) Nitrobenzene-d5	7.22	82	1301780	72.17	ng		-0.06
41) 2,4,6-Tribromophenol	10.48	330	371884	78.96	ng		-0.06
44) 2-Fluorobiphenyl	9.02	172	2096780	73.79	ng		-0.06
78) Terphenyl-d14	12.76	244	2114828	91.89	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	257771	36.70	ng		98
3) Pyridine	2.76	79	891170	36.36	ng		97
4) n-Nitrosodimethylamine	2.72	42	320480	34.66	ng		92
6) Aniline	6.32	93	892895	39.47	ng	#	61
8) 2-Chlorophenol	6.45	128	649222	40.01	ng		85
9) Benzaldehyde	6.20	77	429441	45.46	ng		97
10) Phenol	6.33	94	935053	47.11	ng	#	66
11) bis(2-Chloroethyl)ether	6.40	93	666801	42.23	ng		92
12) 1,3-Dichlorobenzene	6.60	146	709371	40.95	ng		99
13) 1,4-Dichlorobenzene	6.66	146	702293	39.83	ng		99
14) 1,2-Dichlorobenzene	6.82	146	658273	43.03	ng		99
15) Benzyl Alcohol	6.81	79	539981	39.90	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.94	45	987388	41.99	ng	#	21
17) 2-Methylphenol	6.94	107	540654	41.43	ng		95
18) Hexachloroethane	7.17	117	271278	41.50	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	502569	43.37	ng	#	88
20) 3+4-Methylphenols	7.10	107	741455	47.64	ng	#	71
22) Acetophenone	7.08	105	993512	40.16	ng	#	91
24) Nitrobenzene	7.25	77	803812	41.84	ng		92
25) Isophorone	7.49	82	1323749	39.78	ng		96
26) 2-Nitrophenol	7.57	139	386017	40.75	ng	#	76
27) 2,4-Dimethylphenol	7.61	122	548442	34.90	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	790306	39.16	ng		99
29) 2,4-Dichlorophenol	7.81	162	512620	38.53	ng		84
30) 1,2,4-Trichlorobenzene	7.89	180	559905	38.40	ng		96
31) Naphthalene	7.97	128	1975339	43.03	ng		99
32) Benzoic acid	7.77	122	533347	45.76	ng		94
33) 4-Chloroaniline	8.02	127	856153	41.36	ng		96
34) Hexachlorobutadiene	8.08	225	285941	37.15	ng		99
35) Caprolactam	8.40	113	176353	40.33	ng	#	66
36) 4-Chloro-3-methylphenol	8.52	107	586704	38.32	ng		100
37) 2-Methylnaphthalene	8.65	142	1246741	44.71	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	584574	40.66	ng		99
40) Hexachlorocyclopentadiene	8.81	237	223358	37.13	ng		99

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Quant Time: Jan 06 00:15:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	388242	38.61	ng		96
43) 2,4,5-Trichlorophenol	8.98	196	409464	39.57	ng		93
45) 1,1'-Biphenyl	9.12	154	1671824	42.91	ng		99
46) 2-Chloronaphthalene	9.14	162	1272953	41.25	ng		99
47) 2-Nitroaniline	9.25	65	485970	44.23	ng	#	84
48) Acenaphthylene	9.56	152	1932370	40.72	ng		99
49) Dimethylphthalate	9.43	163	1411098	38.77	ng		98
50) 2,6-Dinitrotoluene	9.49	165	293650	36.86	ng	#	73
51) Acenaphthene	9.73	154	1241338	38.58	ng		98
52) 3-Nitroaniline	9.66	138	416212	42.22	ng		95
53) 2,4-Dinitrophenol	9.76	184	166022	37.45	ng	#	50
54) Dibenzofuran	9.90	168	1630493	37.53	ng		95
55) 4-Nitrophenol	9.84	139	299368	44.72	ng	#	81
56) 2,4-Dinitrotoluene	9.89	165	351834	35.19	ng	#	79
57) Fluorene	10.24	166	1274915	40.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	332867	40.67	ng		97
59) Diethylphthalate	10.13	149	1447283	40.94	ng		97
60) 4-Chlorophenyl-phenylether	10.23	204	500458	36.16	ng		98
61) 4-Nitroaniline	10.28	138	440171	43.08	ng		80
62) Azobenzene	10.39	77	1538543	39.53	ng		97
64) 4,6-Dinitro-2-methylphenol	10.30	198	233736	43.60	ng	#	54
65) n-Nitrosodiphenylamine	10.36	169	1095290	41.64	ng		100
66) 4-Bromophenyl-phenylether	10.72	248	384340	41.68	ng	#	88
67) Hexachlorobenzene	10.78	284	386309	39.19	ng	#	77
68) Atrazine	10.89	200	344344	40.58	ng		94
69) Pentachlorophenol	10.98	266	211915	43.82	ng		99
70) Phenanthrene	11.19	178	1699772	35.36	ng		99
71) Anthracene	11.25	178	1982340	47.36	ng		99
72) Carbazole	11.41	167	1873770	49.59	ng		98
73) Di-n-butylphthalate	11.74	149	2110384	46.47	ng		100
74) Fluoranthene	12.38	202	2020620	48.18	ng		95
76) Benzidine	12.51	184	715372	52.22	ng		99
77) Pyrene	12.60	202	1888246	46.11	ng		99
79) Butylbenzylphthalate	13.24	149	928625	49.86	ng	#	83
80) Benzo(a)anthracene	13.79	228	1453030	46.12	ng		100
81) 3,3'-Dichlorobenzidine	13.76	252	577182	48.31	ng	#	95
82) Chrysene	13.83	228	1478413	46.78	ng		98
83) Bis(2-ethylhexyl)phthalate	13.80	149	999015	45.54	ng		97
84) Di-n-octyl phthalate	14.40	149	1764105	43.41	ng		99
85) Indeno(1,2,3-cd)pyrene	16.45	276	1043880	38.13	ng		97
87) Benzo(b)fluoranthene	14.79	252	1229961m	37.86	ng		
88) Benzo(k)fluoranthene	14.81	252	1206255m	43.54	ng		
89) Benzo(a)pyrene	15.11	252	1167059	40.48	ng		98
90) Dibenzo(a,h)anthracene	16.46	278	883161	37.26	ng		98
91) Benzo(g,h,i)perylene	16.83	276	958434	38.89	ng	#	94

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

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