Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
Data File : BF092059.D
Acq On : 3 Jan 2017 14:21
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/4/2017 2:05:38 PM

Quant Time: Jan 04 12:25:03 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	6.68	152	245841	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	958032	20.00	ng		-0.04
38) Acenaphthene-d10	9.72	164	484729	20.00	ng		-0.04
63) Phenanthrene-d10	11.19	188	772974	20.00	ng		-0.04
75) Chrysene-d12	13.83	240	569120	20.00	ng		-0.04
86) Perylene-d12	15.20	264	546332	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1116987	75.86	ng		-0.05
7) Phenol-d6	6.33	99	1353111	75.27	ng		-0.05
23) Nitrobenzene-d5	7.25	82	1397085	81.09	ng		-0.04
41) 2,4,6-Tribromophenol	10.50	330	307367	76.62	ng		-0.04
44) 2-Fluorobiphenyl	9.04	172	1912691	80.11	ng		-0.04
78) Terphenyl-d14	12.78	244	1843481	78.56	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	304374	41.99	ng		98
3) Pyridine	2.79	79	903750	35.72	ng		96
4) n-Nitrosodimethylamine	2.74	42	337864	35.40	ng		100
6) Aniline	6.33	93	897857	38.46	ng	#	54
8) 2-Chlorophenol	6.46	128	664771	39.69	ng		99
9) Benzaldehyde	6.22	77	416631	40.98	ng		95
10) Phenol	6.34	94	773353	37.75	ng		91
11) bis(2-Chloroethyl)ether	6.41	93	651378	39.97	ng		98
12) 1,3-Dichlorobenzene	6.61	146	676392m	37.83	ng		
13) 1,4-Dichlorobenzene	6.69	146	689650	37.90	ng		98
14) 1,2-Dichlorobenzene	6.85	146	631729	40.01	ng		96
15) Benzyl Alcohol	6.82	79	507415	36.33	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	948460	39.08	ng		68
17) 2-Methylphenol	6.95	107	522010	38.76	ng		94
18) Hexachloroethane	7.18	117	259947	38.53	ng	#	84
19) n-Nitroso-di-n-propylamine	7.10	70	459368	38.41	ng		99
20) 3+4-Methylphenols	7.11	107	687046	42.77	ng	#	73
22) Acetophenone	7.10	105	1014283	42.92	ng	#	89
24) Nitrobenzene	7.26	77	729364	39.75	ng		99
25) Isophorone	7.51	82	1347295	42.39	ng		98
26) 2-Nitrophenol	7.58	139	356465	39.39	ng		98
27) 2,4-Dimethylphenol	7.64	122	606226	40.39	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	772766	40.09	ng	#	98
29) 2,4-Dichlorophenol	7.83	162	524668	41.28	ng		91
30) 1,2,4-Trichlorobenzene	7.90	180	553669	39.75	ng	#	95
31) Naphthalene	7.98	128	1704251	38.87	ng		100
32) Benzoic acid	7.78	122	483377	43.42	ng		98
33) 4-Chloroaniline	8.04	127	744634	37.66	ng		97
34) Hexachlorobutadiene	8.10	225	310500	42.24	ng		99
35) Caprolactam	8.42	113	141466m	33.87	ng		
36) 4-Chloro-3-methylphenol	8.54	107	501846	34.32	ng		98
37) 2-Methylnaphthalene	8.68	142	1133450	41.48	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	468309	38.24	ng		99
40) Hexachlorocyclopentadiene	8.82	237	190140	37.11	ng		96

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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)
42) 2,4,6-Trichlorophenol	8.96	196	343850	40.15	ng		96
43) 2,4,5-Trichlorophenol	9.01	196	341986	38.80	ng		99
45) 1,1'-Biphenyl	9.14	154	1465538	44.16	ng		99
46) 2-Chloronaphthalene	9.17	162	1049554	39.93	ng		97
47) 2-Nitroaniline	9.27	65	391968	41.88	ng		91
48) Acenaphthylene	9.58	152	1648366	40.78	ng		99
49) Dimethylphthalate	9.45	163	1141954	36.83	ng		99
50) 2,6-Dinitrotoluene	9.51	165	253864	37.41	ng	#	68
51) Acenaphthene	9.75	154	1042719	38.05	ng		99
52) 3-Nitroaniline	9.68	138	299136	35.62	ng		97
53) 2,4-Dinitrophenol	9.80	184	136280	36.09	ng		98
54) Dibenzofuran	9.92	168	1313601	35.49	ng		99
55) 4-Nitrophenol	9.86	139	212160	37.21	ng		98
56) 2,4-Dinitrotoluene	9.92	165	344332	40.43	ng		94
57) Fluorene	10.26	166	1116365	41.46	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	282971	40.59	ng		99
59) Diethylphthalate	10.15	149	1155369	38.37	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	453235	38.44	ng		95
61) 4-Nitroaniline	10.30	138	323831	37.21	ng		98
62) Azobenzene	10.41	77	1248988	37.68	ng		98
64) 4,6-Dinitro-2-methylphenol	10.33	198	203394	43.51	ng		84
65) n-Nitrosodiphenylamine	10.38	169	864925	37.71	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	304384	37.86	ng		99
67) Hexachlorobenzene	10.81	284	347395	40.42	ng		99
68) Atrazine	10.92	200	262620	35.49	ng		99
69) Pentachlorophenol	11.01	266	171434	40.65	ng		98
70) Phenanthrene	11.22	178	1669763	39.84	ng		98
71) Anthracene	11.27	178	1556427	40.47	ng		99
72) Carbazole	11.43	167	1361092	36.31	ng		99
73) Di-n-butylphthalate	11.77	149	1905868	48.29	ng		98
74) Fluoranthene	12.40	202	1500734	40.42	ng		99
76) Benzidine	12.53	184	568110	37.73	ng		99
77) Pyrene	12.63	202	1695589	40.61	ng		99
79) Butylbenzylphthalate	13.26	149	722060	38.02	ng		97
80) Benzo(a)anthracene	13.82	228	1442874	44.91	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	510441	41.90	ng		98
82) Chrysene	13.85	228	1285032	39.88	ng		98
83) Bis(2-ethylhexyl)phthalate	13.83	149	990387	44.28	ng	#	96
84) Di-n-octyl phthalate	14.44	149	1705292	41.16	ng		100
85) Indeno(1,2,3-cd)pyrene	16.51	276	1106042	39.62	ng		99
87) Benzo(b)fluoranthene	14.83	252	1239477m	36.44	ng		
88) Benzo(k)fluoranthene	14.86	252	1299609m	44.81	ng		
89) Benzo(a)pyrene	15.16	252	1195707	39.61	ng		98
90) Dibenzo(a,h)anthracene	16.52	278	933536	37.62	ng		99
91) Benzo(g,h,i)perylene	16.89	276	932305	36.13	ng		96

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

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