Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
Data File : BF092228.D
Acq On : 13 Jan 2017 1:55
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/13/2017 11:07:10 AM

Quant Time: Jan 13 06:52:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	211961	20.00	ng		-0.05
21) Naphthalene-d8	7.89	136	874657	20.00	ng		-0.05
38) Acenaphthene-d10	9.64	164	417558	20.00	ng		-0.05
63) Phenanthrene-d10	11.11	188	645955	20.00	ng		-0.05
75) Chrysene-d12	13.74	240	359401	20.00	ng		-0.05
86) Perylene-d12	15.10	264	385101	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1148919	90.51	ng		-0.06
7) Phenol-d6	6.26	99	1204558	77.72	ng		-0.05
23) Nitrobenzene-d5	7.17	82	995886	63.31	ng		-0.05
41) 2,4,6-Tribromophenol	10.42	330	256151	74.13	ng		-0.05
44) 2-Fluorobiphenyl	8.96	172	1708951	83.65	ng		-0.05
78) Terphenyl-d14	12.70	244	1506774	101.68	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	269768	43.17	ng		99
3) Pyridine	2.64	79	735547	33.72	ng		98
4) n-Nitrosodimethylamine	2.61	42	255707	31.08	ng		95
6) Aniline	6.26	93	834638	41.46	ng	#	53
8) 2-Chlorophenol	6.39	128	600006	41.55	ng		88
9) Benzaldehyde	6.14	77	385369	46.14	ng		97
10) Phenol	6.28	94	734421	41.58	ng	#	76
11) bis(2-Chloroethyl)ether	6.34	93	616611	43.88	ng		96
12) 1,3-Dichlorobenzene	6.54	146	637881	41.38	ng		99
13) 1,4-Dichlorobenzene	6.62	146	612844m	39.06	ng		
14) 1,2-Dichlorobenzene	6.77	146	550129	40.41	ng		99
15) Benzyl Alcohol	6.76	79	432794	35.94	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	831107	39.72	ng		51
17) 2-Methylphenol	6.88	107	434124	37.38	ng	#	87
18) Hexachloroethane	7.11	117	196707	33.82	ng		99
19) n-Nitroso-di-n-propylamine	7.03	70	341655	33.14	ng		96
20) 3+4-Methylphenols	7.04	107	510069	36.82	ng	#	72
22) Acetophenone	7.02	105	694152	32.18	ng	#	94
24) Nitrobenzene	7.19	77	525632	31.38	ng		98
25) Isophorone	7.43	82	1062618	36.62	ng		94
26) 2-Nitrophenol	7.51	139	272223	32.95	ng		92
27) 2,4-Dimethylphenol	7.57	122	455448	33.24	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	513184	29.16	ng		99
29) 2,4-Dichlorophenol	7.76	162	417056	35.94	ng		95
30) 1,2,4-Trichlorobenzene	7.83	180	493016	38.77	ng		96
31) Naphthalene	7.91	128	1710312	42.72	ng		99
32) Benzoic acid	7.73	122	312731	30.77	ng		100
33) 4-Chloroaniline	7.97	127	539020	29.86	ng		98
34) Hexachlorobutadiene	8.02	225	215148	32.06	ng		99
35) Caprolactam	8.36	113	125068	32.80	ng	#	67
36) 4-Chloro-3-methylphenol	8.47	107	443402	33.21	ng		98
37) 2-Methylnaphthalene	8.60	142	873374	32.74	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	412550	39.11	ng		99
40) Hexachlorocyclopentadiene	8.76	237	131006	30.48	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	274134	37.16	ng		99
43) 2,4,5-Trichlorophenol	8.94	196	274447	36.15	ng	#	89
45) 1,1'-Biphenyl	9.06	154	1158787	40.53	ng		98
46) 2-Chloronaphthalene	9.09	162	905459	39.99	ng		98
47) 2-Nitroaniline	9.19	65	283295	35.14	ng		98
48) Acenaphthylene	9.50	152	1369426	39.33	ng		99
49) Dimethylphthalate	9.37	163	1020670	38.22	ng		99
50) 2,6-Dinitrotoluene	9.44	165	251695	43.06	ng	#	86
51) Acenaphthene	9.67	154	904014	38.29	ng		99
52) 3-Nitroaniline	9.60	138	255274	35.29	ng		98
53) 2,4-Dinitrophenol	9.72	184	79123	24.33	ng	#	57
54) Dibenzofuran	9.84	168	1162120	36.45	ng		96
55) 4-Nitrophenol	9.80	139	150041m	30.55	ng		
56) 2,4-Dinitrotoluene	9.84	165	282050	38.44	ng		87
57) Fluorene	10.18	166	966430	41.67	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.97	232	228674	38.08	ng		98
59) Diethylphthalate	10.07	149	1011483	39.00	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	374104	36.84	ng		99
61) 4-Nitroaniline	10.22	138	274094	36.56	ng		98
62) Azobenzene	10.33	77	1068117	37.40	ng		98
64) 4,6-Dinitro-2-methylphenol	10.25	198	152485	39.04	ng		90
65) n-Nitrosodiphenylamine	10.30	169	762833	39.80	ng		100
66) 4-Bromophenyl-phenylether	10.66	248	283489	42.19	ng	#	89
67) Hexachlorobenzene	10.73	284	285328	39.73	ng	#	85
68) Atrazine	10.84	200	249972	40.43	ng		97
69) Pentachlorophenol	10.93	266	104879	29.76	ng		99
70) Phenanthrene	11.13	178	1259255	35.95	ng		99
71) Anthracene	11.19	178	1449279	47.61	ng		98
72) Carbazole	11.35	167	1271077	43.36	ng		99
73) Di-n-butylphthalate	11.68	149	1509426	45.53	ng		99
74) Fluoranthene	12.31	202	1215633	39.05	ng		98
76) Benzidine	12.45	184	422466	46.55	ng		98
77) Pyrene	12.54	202	1157558	43.90	ng		99
79) Butylbenzylphthalate	13.18	149	568256	47.38	ng	#	75
80) Benzo(a)anthracene	13.73	228	918947	45.30	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	307990	40.03	ng		99
82) Chrysene	13.76	228	732005	35.97	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	727650	51.52	ng	#	97
84) Di-n-octyl phthalate	14.35	149	1127482	43.09	ng		99
85) Indeno(1,2,3-cd)pyrene	16.35	276	936894	53.14	ng		100
87) Benzo(b)fluoranthene	14.73	252	1055221m	44.01	ng		
88) Benzo(k)fluoranthene	14.76	252	644236m	31.51	ng		
89) Benzo(a)pyrene	15.04	252	830698	39.04	ng		99
90) Dibenzo(a,h)anthracene	16.36	278	785103	44.89	ng		96
91) Benzo(g,h,i)perylene	16.71	276	811024	44.59	ng	#	95

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

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