Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094328.D
Acq On : 11 Apr 2017 00:23
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/11/2017 12:53:27 PM

Quant Time: Apr 11 02:30:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	152262	20.00	ng		-0.02
21) Naphthalene-d8	7.35	136	609330	20.00	ng		-0.02
38) Acenaphthene-d10	9.48	164	267550	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	440432	20.00	ng		-0.02
75) Chrysene-d12	14.56	240	302580	20.00	ng		-0.02
86) Perylene-d12	16.18	264	269101	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.39	112	732546	81.26	ng		0.00
7) Phenol-d6	5.47	99	869328	77.95	ng		0.01
23) Nitrobenzene-d5	6.49	82	883867	82.78	ng		-0.02
41) 2,4,6-Tribromophenol	10.46	330	169456	80.15	ng		-0.01
44) 2-Fluorobiphenyl	8.67	172	1490058	84.95	ng		-0.02
78) Terphenyl-d14	13.28	244	1227564	90.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	170059	39.27	ng		97
3) Pyridine	2.66	79	485188	41.10	ng		99
4) n-Nitrosodimethylamine	2.62	42	193066	39.75	ng		91
6) Aniline	5.46	93	586541	37.81	ng		99
8) 2-Chlorophenol	5.61	128	412805	41.66	ng		99
9) Benzaldehyde	5.33	77	277546	36.86	ng		99
10) Phenol	5.49	94	522244	41.15	ng		92
11) bis(2-Chloroethyl)ether	5.55	93	405604	40.90	ng		99
12) 1,3-Dichlorobenzene	5.77	146	456749	41.09	ng		99
13) 1,4-Dichlorobenzene	5.86	146	467280	41.51	ng		96
14) 1,2-Dichlorobenzene	6.03	146	425410	41.03	ng		97
15) Benzyl Alcohol	6.02	79	304710	37.33	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.16	45	552694	36.17	ng		57
17) 2-Methylphenol	6.17	107	337335	39.75	ng	#	91
18) Hexachloroethane	6.43	117	161848	40.90	ng	#	85
19) n-Nitroso-di-n-propylamine	6.33	70	299861	41.84	ng		98
20) 3+4-Methylphenols	6.35	107	465143	45.26	ng	#	61
22) Acetophenone	6.32	105	589448	43.40	ng	#	86
24) Nitrobenzene	6.52	77	432643	41.09	ng		95
25) Isophorone	6.80	82	749414	39.94	ng	#	94
26) 2-Nitrophenol	6.89	139	226451	45.09	ng		94
27) 2,4-Dimethylphenol	6.97	122	351753	40.65	ng		99
28) bis(2-Chloroethoxy)methane	7.06	93	495960	40.09	ng		99
29) 2,4-Dichlorophenol	7.20	162	331969	41.03	ng		99
30) 1,2,4-Trichlorobenzene	7.28	180	343005	41.16	ng		99
31) Naphthalene	7.37	128	1190109	40.62	ng		100
32) Benzoic acid	7.13	122	166391	28.89	ng		93
33) 4-Chloroaniline	7.45	127	479674	40.39	ng	#	93
34) Hexachlorobutadiene	7.52	225	178224	41.71	ng		100
35) Caprolactam	7.89	113	106687	41.35	ng		94
36) 4-Chloro-3-methylphenol	8.07	107	343325	40.61	ng		89
37) 2-Methylnaphthalene	8.21	142	795815	40.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	317753	43.41	ng		99
40) Hexachlorocyclopentadiene	8.40	237	79117	23.10	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.57	196	212239	40.99	ng		96
43) 2,4,5-Trichlorophenol	8.63	196	228707	40.82	ng		94
45) 1,1'-Biphenyl	8.79	154	894429	41.45	ng		98
46) 2-Chloronaphthalene	8.80	162	696510	41.23	ng		94
47) 2-Nitroaniline	8.94	65	211768	42.26	ng	#	85
48) Acenaphthylene	9.31	152	1126692	40.13	ng		99
49) Dimethylphthalate	9.17	163	811808	42.69	ng		100
50) 2,6-Dinitrotoluene	9.25	165	186006	42.66	ng		98
51) Acenaphthene	9.53	154	652683	39.84	ng		99
52) 3-Nitroaniline	9.45	138	210776	41.17	ng		87
53) 2,4-Dinitrophenol	9.57	184	36996	19.60	ng	#	74
54) Dibenzofuran	9.74	168	873054	39.15	ng		99
55) 4-Nitrophenol	9.71	139	136517m	34.05	ng		
56) 2,4-Dinitrotoluene	9.74	165	214773	39.22	ng	#	74
57) Fluorene	10.16	166	722820	39.09	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	147398	38.34	ng		97
59) Diethylphthalate	10.04	149	774813	41.22	ng		100
60) 4-Chlorophenyl-phenylether	10.16	204	312544	39.67	ng		95
61) 4-Nitroaniline	10.20	138	200207	40.75	ng		97
62) Azobenzene	10.36	77	693069	38.98	ng		97
64) 4,6-Dinitro-2-methylphenol	10.24	198	69115	25.62	ng	#	72
65) n-Nitrosodiphenylamine	10.32	169	655167	43.01	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	188858	43.60	ng		98
67) Hexachlorobenzene	10.83	284	186949	42.63	ng	#	83
68) Atrazine	10.99	200	197060	43.20	ng		95
69) Pentachlorophenol	11.09	266	96138	35.22	ng		97
70) Phenanthrene	11.33	178	998903	40.77	ng		99
71) Anthracene	11.40	178	1027877	40.75	ng		99
72) Carbazole	11.61	167	1021871	39.50	ng		98
73) Di-n-butylphthalate	12.05	149	1166578	43.36	ng		99
74) Fluoranthene	12.80	202	935424	37.29	ng		99
76) Benzidine	12.97	184	398196	33.25	ng		95
77) Pyrene	13.07	202	949758	43.25	ng		98
79) Butylbenzylphthalate	13.89	149	436235	46.62	ng		88
80) Benzo(a)anthracene	14.54	228	721763	40.91	ng		99
81) 3,3'-Dichlorobenzidine	14.52	252	258709	41.02	ng	#	95
82) Chrysene	14.59	228	672701	41.08	ng		99
83) Bis(2-ethylhexyl)phthalate	14.60	149	605326	47.42	ng		99
84) Di-n-octyl phthalate	15.36	149	971602	45.56	ng		98
85) Indeno(1,2,3-cd)pyrene	17.50	276	620140	43.73	ng		99
87) Benzo(b)fluoranthene	15.78	252	644582	39.08	ng		98
88) Benzo(k)fluoranthene	15.81	252	639540	39.63	ng		96
89) Benzo(a)pyrene	16.13	252	610488	40.19	ng		99
90) Dibenzo(a,h)anthracene	17.52	278	528898	41.11	ng		98
91) Benzo(g,h,i)perylene	17.89	276	515404	39.76	ng		99

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

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