Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092854.D
Acq On : 8 Feb 2017 15:14
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/9/2017 12:31:03 PM

Quant Time: Feb 08 23:51:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	180730	20.00	ng		-0.07
21) Naphthalene-d8	8.19	136	704737	20.00	ng		-0.07
38) Acenaphthene-d10	9.94	164	384857	20.00	ng		-0.07
63) Phenanthrene-d10	11.42	188	626491	20.00	ng		-0.07
75) Chrysene-d12	14.07	240	541810	20.00	ng		-0.08
86) Perylene-d12	15.51	264	439823	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	790759	75.06	ng		-0.08
7) Phenol-d6	6.53	99	1086897	80.19	ng		-0.07
23) Nitrobenzene-d5	7.47	82	1001760	79.16	ng		-0.07
41) 2,4,6-Tribromophenol	10.73	330	208535	74.92	ng		-0.08
44) 2-Fluorobiphenyl	9.26	172	1700348	80.04	ng		-0.07
78) Terphenyl-d14	13.01	244	1750284	75.90	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	217271	38.17	ng		88
3) Pyridine	3.22	79	615662	42.54	ng	#	82
4) n-Nitrosodimethylamine	3.18	42	254728	37.48	ng		85
6) Aniline	6.56	93	736834	39.85	ng	#	81
8) 2-Chlorophenol	6.68	128	442213	38.05	ng		95
9) Benzaldehyde	6.44	77	325886	33.56	ng		94
10) Phenol	6.56	94	621758	39.21	ng		97
11) bis(2-Chloroethyl)ether	6.64	93	479167	37.86	ng		95
12) 1,3-Dichlorobenzene	6.84	146	550477	40.44	ng		98
13) 1,4-Dichlorobenzene	6.91	146	526061	38.18	ng		99
14) 1,2-Dichlorobenzene	7.07	146	523429	39.73	ng		97
15) Benzyl Alcohol	7.05	79	398873	39.75	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	902694	41.05	ng		94
17) 2-Methylphenol	7.16	107	409730	41.10	ng		96
18) Hexachloroethane	7.41	117	186524	39.66	ng		93
19) n-Nitroso-di-n-propylamine	7.32	70	358703	41.57	ng		98
20) 3+4-Methylphenols	7.31	107	484657	40.66	ng	#	67
22) Acetophenone	7.31	105	597968	37.16	ng	#	91
24) Nitrobenzene	7.48	77	490226	37.72	ng		99
25) Isophorone	7.72	82	930712	39.47	ng		95
26) 2-Nitrophenol	7.80	139	271755	43.99	ng		93
27) 2,4-Dimethylphenol	7.85	122	448655	41.36	ng		93
28) bis(2-Chloroethoxy)methane	7.94	93	646573	41.40	ng		100
29) 2,4-Dichlorophenol	8.04	162	392832	38.83	ng		88
30) 1,2,4-Trichlorobenzene	8.12	180	434405	39.84	ng		93
31) Naphthalene	8.21	128	1410645	39.49	ng		98
32) Benzoic acid	7.97	122	217497	37.27	ng		97
33) 4-Chloroaniline	8.26	127	570689	40.73	ng		98
34) Hexachlorobutadiene	8.33	225	235206	39.21	ng		98
35) Caprolactam	8.64	113	121631	38.22	ng	#	39
36) 4-Chloro-3-methylphenol	8.75	107	439264	41.64	ng		86
37) 2-Methylnaphthalene	8.90	142	914236	39.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	417542	38.65	ng		99
40) Hexachlorocyclopentadiene	9.05	237	161213	33.08	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	272877	38.44	ng		91
43) 2,4,5-Trichlorophenol	9.22	196	301569	38.77	ng		92
45) 1,1'-Biphenyl	9.37	154	1142331	40.99	ng		99
46) 2-Chloronaphthalene	9.39	162	918765	42.14	ng		98
47) 2-Nitroaniline	9.48	65	258479	35.26	ng		95
48) Acenaphthylene	9.80	152	1335796	35.47	ng		99
49) Dimethylphthalate	9.66	163	934393	36.05	ng		98
50) 2,6-Dinitrotoluene	9.73	165	252535	45.11	ng	#	83
51) Acenaphthene	9.97	154	825890	36.68	ng		96
52) 3-Nitroaniline	9.90	138	281150	43.88	ng	#	71
53) 2,4-Dinitrophenol	10.01	184	111916	41.71	ng	#	92
54) Dibenzofuran	10.14	168	1089091	36.16	ng		96
55) 4-Nitrophenol	10.06	139	174136	37.74	ng		92
56) 2,4-Dinitrotoluene	10.13	165	301501	40.45	ng		92
57) Fluorene	10.49	166	880332	38.00	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.27	232	212034	40.87	ng		95
59) Diethylphthalate	10.36	149	941021	38.52	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	391292	35.15	ng		94
61) 4-Nitroaniline	10.51	138	242167	36.90	ng		94
62) Azobenzene	10.64	77	941839	37.32	ng		97
64) 4,6-Dinitro-2-methylphenol	10.54	198	176736	46.44	ng		94
65) n-Nitrosodiphenylamine	10.60	169	836067	41.78	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	246955	37.73	ng		99
67) Hexachlorobenzene	11.04	284	257747	39.85	ng		95
68) Atrazine	11.13	200	243432	37.90	ng		99
69) Pentachlorophenol	11.23	266	133013	43.45	ng		97
70) Phenanthrene	11.45	178	1246136	34.72	ng		99
71) Anthracene	11.50	178	1505967	41.78	ng		98
72) Carbazole	11.65	167	1355763	39.35	ng		99
73) Di-n-butylphthalate	11.98	149	1492265	40.05	ng	#	97
74) Fluoranthene	12.64	202	1288288	34.80	ng		99
76) Benzidine	12.76	184	744538	32.25	ng		98
77) Pyrene	12.86	202	1315862	32.45	ng		100
79) Butylbenzylphthalate	13.48	149	638467	38.78	ng		89
80) Benzo(a)anthracene	14.05	228	1178415	35.56	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	442695	37.48	ng	#	97
82) Chrysene	14.09	228	1081437	34.86	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	867806	38.54	ng	#	95
84) Di-n-octyl phthalate	14.65	149	1416225	38.62	ng		100
85) Indeno(1,2,3-cd)pyrene	16.95	276	962529	40.05	ng		95
87) Benzo(b)fluoranthene	15.09	252	1098876	37.96	ng		99
88) Benzo(k)fluoranthene	15.13	252	1050700m	42.04	ng		
89) Benzo(a)pyrene	15.45	252	1023101	40.86	ng		96
90) Dibenzo(a,h)anthracene	16.97	278	824348	40.73	ng		97
91) Benzo(g,h,i)perylene	17.38	276	825845	40.39	ng	#	90

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

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