Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091027.D
Acq On : 4 Nov 2016 18:25
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 23:31:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
11/7/2016 4:40:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	182008	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	757186	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	398116	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	639188	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	609180	20.00	ng		0.00
86) Perylene-d12	15.24	264	437137	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	887718	80.55	ng		0.00
7) Phenol-d6	6.35	99	1181066	78.96	ng		0.00
23) Nitrobenzene-d5	7.28	82	1071672	77.21	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	274251	76.20	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1740115	75.25	ng		0.00
78) Terphenyl-d14	12.81	244	1634617	66.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	227614	36.11	ng		97
3) Pyridine	2.86	79	559826	37.96	ng		99
4) n-Nitrosodimethylamine	2.82	42	225128	38.59	ng		98
6) Aniline	6.36	93	687278	38.95	ng	#	76
8) 2-Chlorophenol	6.49	128	515898	39.24	ng		97
9) Benzaldehyde	6.25	77	318144	38.32	ng		97
10) Phenol	6.37	94	617989	37.33	ng		84
11) bis(2-Chloroethyl)ether	6.44	93	525046	37.64	ng		97
12) 1,3-Dichlorobenzene	6.65	146	521028	39.19	ng		98
13) 1,4-Dichlorobenzene	6.72	146	537152m	37.65	ng		
14) 1,2-Dichlorobenzene	6.88	146	546353	41.73	ng		99
15) Benzyl Alcohol	6.85	79	416121	39.44	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	736009	36.85	ng		98
17) 2-Methylphenol	6.98	107	428363	41.16	ng		99
18) Hexachloroethane	7.22	117	210997	38.22	ng		92
19) n-Nitroso-di-n-propylamine	7.13	70	384093	37.05	ng		100
20) 3+4-Methylphenols	7.14	107	521813	41.76	ng		98
22) Acetophenone	7.13	105	703058	40.33	ng		98
24) Nitrobenzene	7.30	77	618914	40.37	ng		95
25) Isophorone	7.54	82	1022373	38.22	ng		99
26) 2-Nitrophenol	7.61	139	257079	39.63	ng		98
27) 2,4-Dimethylphenol	7.66	122	450617	42.00	ng		100
28) bis(2-Chloroethoxy)methane	7.76	93	613240	41.97	ng		100
29) 2,4-Dichlorophenol	7.86	162	390590	41.71	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	443276	42.10	ng		99
31) Naphthalene	8.02	128	1475769	40.75	ng		100
32) Benzoic acid	7.81	122	334181	40.78	ng		98
33) 4-Chloroaniline	8.08	127	541041	35.93	ng		98
34) Hexachlorobutadiene	8.13	225	240611	42.34	ng		99
35) Caprolactam	8.45	113	111520	37.91	ng		99
36) 4-Chloro-3-methylphenol	8.57	107	473578	41.78	ng		100
37) 2-Methylnaphthalene	8.70	142	909001	39.05	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	447017	44.04	ng		99
40) Hexachlorocyclopentadiene	8.86	237	151344	42.01	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	273108	41.68	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	290684	42.25	ng		98
45) 1,1'-Biphenyl	9.17	154	1223680	42.09	ng		99
46) 2-Chloronaphthalene	9.20	162	932032	42.23	ng		99
47) 2-Nitroaniline	9.30	65	353351	43.14	ng		97
48) Acenaphthylene	9.61	152	1385676	40.29	ng		100
49) Dimethylphthalate	9.48	163	1015140	38.89	ng		99
50) 2,6-Dinitrotoluene	9.54	165	205060	36.65	ng		98
51) Acenaphthene	9.78	154	839511	38.88	ng		100
52) 3-Nitroaniline	9.71	138	248128	37.40	ng		100
53) 2,4-Dinitrophenol	9.82	184	109978	39.52	ng		98
54) Dibenzofuran	9.95	168	1123167	38.64	ng		99
55) 4-Nitrophenol	9.88	139	150516	37.36	ng		93
56) 2,4-Dinitrotoluene	9.95	165	301894	42.41	ng		97
57) Fluorene	10.29	166	954227	40.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	241640	44.83	ng		99
59) Diethylphthalate	10.18	149	1191284	44.51	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	436283	40.35	ng		95
61) 4-Nitroaniline	10.33	138	272008	40.53	ng		100
62) Azobenzene	10.44	77	1162316	36.89	ng		83
64) 4,6-Dinitro-2-methylphenol	10.36	198	155991	39.85	ng		99
65) n-Nitrosodiphenylamine	10.41	169	766954	37.75	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	255009	38.36	ng		93
67) Hexachlorobenzene	10.84	284	319480	43.57	ng	#	91
68) Atrazine	10.94	200	249726	42.61	ng		97
69) Pentachlorophenol	11.04	266	149017	45.88	ng		99
70) Phenanthrene	11.25	178	1448648	42.63	ng		99
71) Anthracene	11.30	178	1309859	36.26	ng		99
72) Carbazole	11.46	167	1200249	36.87	ng		100
73) Di-n-butylphthalate	11.79	149	1612861	39.39	ng	#	98
74) Fluoranthene	12.43	202	1296053	36.78	ng		99
76) Benzidine	12.57	184	465735	34.22	ng		97
77) Pyrene	12.66	202	1355168	33.97	ng		99
79) Butylbenzylphthalate	13.29	149	750108	39.31	ng		92
80) Benzo(a)anthracene	13.85	228	1265587	36.59	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	431408	35.50	ng	#	97
82) Chrysene	13.88	228	1166197	34.19	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	955877	37.01	ng	#	98
84) Di-n-octyl phthalate	14.47	149	1728959	40.72	ng		99
85) Indeno(1,2,3-cd)pyrene	16.57	276	1006651	35.57	ng		99
87) Benzo(b)fluoranthene	14.87	252	1306233m	44.06	ng		
88) Benzo(k)fluoranthene	14.89	252	950346m	36.54	ng		
89) Benzo(a)pyrene	15.20	252	1030838	39.94	ng		98
90) Dibenzo(a,h)anthracene	16.57	278	895574	40.14	ng		97
91) Benzo(g,h,i)perylene	16.96	276	766933	38.01	ng		96

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

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