Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091013.D
Acq On : 4 Nov 2016 8:59
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
11/7/2016 4:39:14 PM

Quant Time: Nov 04 11:01:26 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	174300	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	715005	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	385231	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	615648	20.00	ng	0.00
75) Chrysene-d12	13.86	240	567755	20.00	ng	0.00
86) Perylene-d12	15.24	264	429453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	854759	80.99	ng	0.00
7) Phenol-d6	6.35	99	1164376	81.28	ng	0.00
23) Nitrobenzene-d5	7.28	82	945866	72.16	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	278295	79.91	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1790033	80.00	ng	0.00
78) Terphenyl-d14	12.81	244	1794230	78.86	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.20	88	219233	36.31	ng	95
3) Pyridine	2.88	79	644359	45.62	ng	93
4) n-Nitrosodimethylamine	2.83	42	202620	36.27	ng	89
6) Aniline	6.37	93	721688	42.71	ng	96
8) 2-Chlorophenol	6.49	128	514764	40.89	ng	94
9) Benzaldehyde	6.25	77	292908	36.84	ng	95
10) Phenol	6.36	94	606590	38.26	ng	94
11) bis(2-Chloroethyl)ether	6.44	93	519046	38.85	ng	98
12) 1,3-Dichlorobenzene	6.65	146	537505	42.22	ng	99
13) 1,4-Dichlorobenzene	6.72	146	525941m	38.50	ng	
14) 1,2-Dichlorobenzene	6.88	146	504172	40.21	ng	98
15) Benzyl Alcohol	6.85	79	358442	35.47	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	613352	32.06	ng	96
17) 2-Methylphenol	6.98	107	410459	41.19	ng	98
18) Hexachloroethane	7.22	117	200799	37.98	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	329999	33.24	ng	96
20) 3+4-Methylphenols	7.14	107	480087	40.12	ng	97
22) Acetophenone	7.13	105	644800	39.17	ng	96
24) Nitrobenzene	7.30	77	564495	39.00	ng	94
25) Isophorone	7.54	82	995403	39.41	ng	99
26) 2-Nitrophenol	7.61	139	260424	42.51	ng	98
27) 2,4-Dimethylphenol	7.66	122	432881	42.73	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	573345	41.55	ng	99
29) 2,4-Dichlorophenol	7.86	162	386937	43.76	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	434622	43.72	ng	100
31) Naphthalene	8.02	128	1409781	41.23	ng	99
32) Benzoic acid	7.81	122	305332	39.62	ng	94
33) 4-Chloroaniline	8.08	127	580547	40.82	ng	97
34) Hexachlorobutadiene	8.13	225	235563	43.90	ng	98
35) Caprolactam	8.45	113	119521	43.03	ng	96
36) 4-Chloro-3-methylphenol	8.57	107	469712	43.88	ng	98
37) 2-Methylnaphthalene	8.70	142	919727	41.84	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	453685	46.19	ng	99
40) Hexachlorocyclopentadiene	8.86	237	135615	39.41	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	274653	43.32	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	288518	43.34	ng		98
45) 1,1'-Biphenyl	9.17	154	1198669	42.61	ng		99
46) 2-Chloronaphthalene	9.20	162	926622	43.39	ng		99
47) 2-Nitroaniline	9.30	65	355815	44.89	ng		99
48) Acenaphthylene	9.61	152	1376393	41.35	ng		100
49) Dimethylphthalate	9.48	163	1020883	40.41	ng		100
50) 2,6-Dinitrotoluene	9.54	165	204387	37.75	ng		99
51) Acenaphthene	9.78	154	824871	39.48	ng		99
52) 3-Nitroaniline	9.71	138	266007	41.44	ng		99
53) 2,4-Dinitrophenol	9.82	184	101427	37.96	ng		99
54) Dibenzofuran	9.95	168	1138820	40.49	ng		99
55) 4-Nitrophenol	9.88	139	158493	40.15	ng		95
56) 2,4-Dinitrotoluene	9.95	165	306788	44.54	ng		99
57) Fluorene	10.29	166	961410	41.82	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	240749	46.16	ng		98
59) Diethylphthalate	10.18	149	1086358	41.95	ng		100
60) 4-Chlorophenyl-phenylether	10.29	204	442264	42.27	ng		96
61) 4-Nitroaniline	10.33	138	290818	44.78	ng		98
62) Azobenzene	10.44	77	1176246	38.58	ng		82
64) 4,6-Dinitro-2-methylphenol	10.36	198	155533	41.26	ng		99
65) n-Nitrosodiphenylamine	10.41	169	766768	39.18	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	257482	40.21	ng		92
67) Hexachlorobenzene	10.84	284	321832	45.57	ng		93
68) Atrazine	10.94	200	257760	45.66	ng		98
69) Pentachlorophenol	11.04	266	141415	45.21	ng		99
70) Phenanthrene	11.25	178	1429612	43.68	ng		100
71) Anthracene	11.30	178	1310270	37.66	ng		99
72) Carbazole	11.46	167	1178204	37.58	ng		99
73) Di-n-butylphthalate	11.80	149	1608940	40.80	ng		99
74) Fluoranthene	12.43	202	1278422	37.66	ng		97
76) Benzidine	12.56	184	572651	45.15	ng		98
77) Pyrene	12.66	202	1310595	35.25	ng		99
79) Butylbenzylphthalate	13.29	149	647375	36.40	ng		92
80) Benzo(a)anthracene	13.85	228	1245665	38.64	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	446131	39.39	ng	#	96
82) Chrysene	13.89	228	1265262	39.81	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	896211	37.24	ng		99
84) Di-n-octyl phthalate	14.47	149	1626279	41.09	ng		95
85) Indeno(1,2,3-cd)pyrene	16.57	276	1067554	40.48	ng		96
87) Benzo(b)fluoranthene	14.87	252	1352502m	46.43	ng		
88) Benzo(k)fluoranthene	14.89	252	980710m	38.38	ng		
89) Benzo(a)pyrene	15.20	252	1076287	42.45	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	932656	42.55	ng		96
91) Benzo(g,h,i)perylene	16.96	276	851830	42.97	ng		97

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

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