Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110316\
Data File : BF091007.D
Acq On : 3 Nov 2016 19:46
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
11/4/2016 8:32:34 AM

Quant Time: Nov 04 01:29:41 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 01:12:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	168700	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	739869	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	372352	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	613275	20.00	ng	0.00
75) Chrysene-d12	13.86	240	535418	20.00	ng	0.00
86) Perylene-d12	15.24	264	391183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	871672	79.68	ng	0.00
7) Phenol-d6	6.35	99	1183831	86.04	ng	0.00
23) Nitrobenzene-d5	7.28	82	1059173	80.68	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	258407	68.63	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1725194	70.27	ng	0.00
78) Terphenyl-d14	12.81	244	1799885	76.22	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.21	88	232175	47.25	ng	100
3) Pyridine	2.88	79	579301	45.36	ng	100
4) n-Nitrosodimethylamine	2.83	42	230248	36.59	ng	100
6) Aniline	6.37	93	727424	43.49	ng	100
8) 2-Chlorophenol	6.49	128	506866	41.20	ng	100
9) Benzaldehyde	6.25	77	321503	40.57	ng	100
10) Phenol	6.36	94	619135	40.25	ng	100
11) bis(2-Chloroethyl)ether	6.44	93	528875	43.77	ng	100
12) 1,3-Dichlorobenzene	6.65	146	519547	39.76	ng	100
13) 1,4-Dichlorobenzene	6.73	146	531303	40.63	ng	100
14) 1,2-Dichlorobenzene	6.88	146	523325	43.00	ng	100
15) Benzyl Alcohol	6.85	79	409217	43.28	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	739255	37.48	ng	100
17) 2-Methylphenol	6.98	107	420097	43.09	ng	100
18) Hexachloroethane	7.22	117	215256	42.72	ng	100
19) n-Nitroso-di-n-propylamine	7.13	70	379228	43.82	ng	100
20) 3+4-Methylphenols	7.14	107	514367	42.18	ng	100
22) Acetophenone	7.13	105	686985	35.72	ng	100
24) Nitrobenzene	7.30	77	645609	44.33	ng	100
25) Isophorone	7.54	82	1020943	40.03	ng	100
26) 2-Nitrophenol	7.61	139	256264	37.27	ng	100
27) 2,4-Dimethylphenol	7.66	122	450980	37.37	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	632699	41.28	ng	100
29) 2,4-Dichlorophenol	7.86	162	378925	37.34	ng	100
30) 1,2,4-Trichlorobenzene	7.94	180	429278	37.10	ng	100
31) Naphthalene	8.02	128	1475805	39.43	ng	100
32) Benzoic acid	7.81	122	318490	41.07	ng	100
33) 4-Chloroaniline	8.08	127	598158	38.62	ng	100
34) Hexachlorobutadiene	8.13	225	219896	33.64	ng	100
35) Caprolactam	8.45	113	115676	37.57	ng	100
36) 4-Chloro-3-methylphenol	8.57	107	467811	39.36	ng	100
37) 2-Methylnaphthalene	8.70	142	894692	38.97	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	427466	36.17	ng	100
40) Hexachlorocyclopentadiene	8.86	237	129948	32.55	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	268556	35.93	ng	100
43) 2,4,5-Trichlorophenol	9.04	196	274398	35.81	ng	100
45) 1,1'-Biphenyl	9.17	154	1140909	35.02	ng	100
46) 2-Chloronaphthalene	9.20	162	881816	36.36	ng	100
47) 2-Nitroaniline	9.30	65	345174	43.06	ng	100
48) Acenaphthylene	9.61	152	1309426	35.82	ng	100
49) Dimethylphthalate	9.48	163	983227	35.37	ng	100
50) 2,6-Dinitrotoluene	9.54	165	200860	33.56	ng	100
51) Acenaphthene	9.78	154	781539	33.17	ng	100
52) 3-Nitroaniline	9.71	138	258521	37.30	ng	100
53) 2,4-Dinitrophenol	9.82	184	97702	40.04	ng	100
54) Dibenzofuran	9.95	168	1071120	36.74	ng	100
55) 4-Nitrophenol	9.88	139	153080	31.48	ng	100
56) 2,4-Dinitrotoluene	9.95	165	302552	38.57	ng	100
57) Fluorene	10.29	166	908029	37.39	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	231946	38.82	ng	100
59) Diethylphthalate	10.18	149	1047321	37.91	ng	100
60) 4-Chlorophenyl-phenylether	10.29	204	446929	38.38	ng	100
61) 4-Nitroaniline	10.33	138	271250	39.80	ng	100
62) Azobenzene	10.45	77	1179260	43.49	ng	100
64) 4,6-Dinitro-2-methylphenol	10.36	198	149866	40.04	ng	100
65) n-Nitrosodiphenylamine	10.41	169	743002	38.85	ng	100
66) 4-Bromophenyl-phenylether	10.77	248	236034	35.88	ng	100
67) Hexachlorobenzene	10.84	284	296524	39.89	ng	100
68) Atrazine	10.94	200	252909	40.62	ng	100
69) Pentachlorophenol	11.04	266	129264	38.00	ng	100
70) Phenanthrene	11.25	178	1393863	40.46	ng	100
71) Anthracene	11.30	178	1304277	38.71	ng	100
72) Carbazole	11.46	167	1172548	39.80	ng	100
73) Di-n-butylphthalate	11.80	149	1681311	43.30	ng	100
74) Fluoranthene	12.43	202	1277292	37.73	ng	100
76) Benzidine	12.57	184	521492	34.86	ng	100
77) Pyrene	12.66	202	1282932	32.51	ng	100
79) Butylbenzylphthalate	13.29	149	671176	36.95	ng	100
80) Benzo(a)anthracene	13.85	228	1210749	36.91	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	426813	37.32	ng	100
82) Chrysene	13.89	228	1244315	38.97	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	934620	40.48	ng	100
84) Di-n-octyl phthalate	14.47	149	1586462	41.50	ng	100
85) Indeno(1,2,3-cd)pyrene	16.57	276	953876	37.84	ng	100
87) Benzo(b)fluoranthene	14.87	252	1177992m	44.12	ng	
88) Benzo(k)fluoranthene	14.89	252	931155m	42.27	ng	
89) Benzo(a)pyrene	15.20	252	1002048	44.06	ng	100
90) Dibenzo(a,h)anthracene	16.58	278	843575	43.91	ng	100
91) Benzo(g,h,i)perylene	16.96	276	761621	40.01	ng	100

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

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