Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083729.D
Acq On : 13 Dec 2015 15:14
Operator : UM/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:23:33 PM

Quant Time: Dec 14 01:18:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 00:56:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	121914	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	475956	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	225208	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	416291	20.00	ng	0.00
75) Chrysene-d12	14.07	240	287206	20.00	ng	0.00
86) Perylene-d12	15.49	264	210713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	617374	78.86	ng	0.00
7) Phenol-d6	6.54	99	802139	81.60	ng	0.00
23) Nitrobenzene-d5	7.48	82	727454	101.00	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	184574	86.08	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1278926	82.94	ng	0.00
78) Terphenyl-d14	13.01	244	1062328	82.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	157112	40.63	ng	100
3) Pyridine	3.30	79	410128	41.00	ng	100
4) n-Nitrosodimethylamine	3.24	42	150967	37.53	ng	100
6) Aniline	6.58	93	558866	41.66	ng	100
8) 2-Chlorophenol	6.70	128	397974	45.19	ng	100
9) Benzaldehyde	6.46	77	229319	42.44	ng	100
10) Phenol	6.56	94	471346	40.84	ng	100
11) bis(2-Chloroethyl)ether	6.65	93	316255	38.75	ng	100
12) 1,3-Dichlorobenzene	6.86	146	414815	42.96	ng	100
13) 1,4-Dichlorobenzene	6.93	146	391554	40.86	ng	100
14) 1,2-Dichlorobenzene	7.09	146	385378	42.93	ng	100
15) Benzyl Alcohol	7.06	79	325260	46.00	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	438359	38.46	ng	100
17) 2-Methylphenol	7.17	107	311816	44.09	ng	100
18) Hexachloroethane	7.44	117	144140	43.89	ng	100
19) n-Nitroso-di-n-propylamine	7.33	70	229646	40.68	ng	100
20) 3+4-Methylphenols	7.32	107	345199	40.48	ng	100
22) Acetophenone	7.33	105	501658	43.27	ng	100
24) Nitrobenzene	7.49	77	367030	46.30	ng	100
25) Isophorone	7.74	82	716968	44.80	ng	100
26) 2-Nitrophenol	7.81	139	173894	51.60	ng	100
27) 2,4-Dimethylphenol	7.86	122	354151	44.50	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	389379	43.42	ng	100
29) 2,4-Dichlorophenol	8.05	162	286617	44.09	ng	100
30) 1,2,4-Trichlorobenzene	8.14	180	294749	41.20	ng	100
31) Naphthalene	8.22	128	1026741	43.51	ng	100
32) Benzoic acid	7.96	122	220973	49.21	ng	100
33) 4-Chloroaniline	8.27	127	464490	46.13	ng	100
34) Hexachlorobutadiene	8.35	225	167618	41.93	ng	100
35) Caprolactam	8.64	113	93262	43.93	ng	100
36) 4-Chloro-3-methylphenol	8.75	107	363430	49.22	ng	100
37) 2-Methylnaphthalene	8.91	142	641564	42.64	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	267981	38.95	ng	100
40) Hexachlorocyclopentadiene	9.08	237	152643	45.39	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	202832	42.45	ng	100
43) 2,4,5-Trichlorophenol	9.23	196	210112	44.37	ng	100
45) 1,1'-Biphenyl	9.38	154	822161	42.19	ng	100
46) 2-Chloronaphthalene	9.40	162	598927	40.89	ng	100
47) 2-Nitroaniline	9.49	65	201902	51.82	ng	100
48) Acenaphthylene	9.81	152	1013514	41.38	ng	100
49) Dimethylphthalate	9.68	163	707013	41.21	ng	100
50) 2,6-Dinitrotoluene	9.73	165	155411	45.94	ng	100
51) Acenaphthene	10.00	154	620830	42.34	ng	100
52) 3-Nitroaniline	9.90	138	202975	50.84	ng	100
53) 2,4-Dinitrophenol	10.01	184	56161	61.02	ng	100
54) Dibenzofuran	10.16	168	799226	41.36	ng	100
55) 4-Nitrophenol	10.05	139	160173	48.23	ng	100
56) 2,4-Dinitrotoluene	10.13	165	202596	46.75	ng	100
57) Fluorene	10.50	166	603261	39.81	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	143531	41.95	ng	100
59) Diethylphthalate	10.37	149	754354	45.75	ng	100
60) 4-Chlorophenyl-phenylether	10.50	204	315327	42.86	ng	100
61) 4-Nitroaniline	10.51	138	158628	44.29	ng	100
62) Azobenzene	10.65	77	706774	44.63	ng	100
64) 4,6-Dinitro-2-methylphenol	10.54	198	114404	74.26	ng	100
65) n-Nitrosodiphenylamine	10.61	169	630194	44.63	ng	100
66) 4-Bromophenyl-phenylether	10.98	248	193457	43.04	ng	100
67) Hexachlorobenzene	11.06	284	205141	41.99	ng	100
68) Atrazine	11.14	200	193801	47.43	ng	100
69) Pentachlorophenol	11.24	266	130226	47.25	ng	100
70) Phenanthrene	11.46	178	893164	39.78	ng	100
71) Anthracene	11.52	178	989016	41.60	ng	100
72) Carbazole	11.66	167	944330	42.80	ng	100
73) Di-n-butylphthalate	12.00	149	1041522	43.86	ng	100
74) Fluoranthene	12.65	202	1004864	41.54	ng	100
76) Benzidine	12.76	184	438100	40.28	ng	100
77) Pyrene	12.87	202	959739	41.97	ng	100
79) Butylbenzylphthalate	13.49	149	459823	59.58	ng	100
80) Benzo(a)anthracene	14.05	228	694286	41.28	ng	100
81) 3,3'-Dichlorobenzidine	14.02	252	263109	47.88	ng	100
82) Chrysene	14.09	228	675593	41.92	ng	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	498565	59.70	ng	100
84) Di-n-octyl phthalate	14.66	149	776199	60.28	ng	100
85) Indeno(1,2,3-cd)pyrene	16.92	276	637868	41.83	ng	100
87) Benzo(b)fluoranthene	15.08	252	559845	42.12	ng	100
88) Benzo(k)fluoranthene	15.12	252	594237m	46.71	ng	
89) Benzo(a)pyrene	15.44	252	523846	43.72	ng	100
90) Dibenzo(a,h)anthracene	16.95	278	532287	45.21	ng	100
91) Benzo(g,h,i)perylene	17.36	276	549299	44.27	ng	100

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

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