Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080920.D
Acq On : 7 Aug 2015 11:44
Operator : TP/UM
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:17:29 PM

Quant Time: Aug 08 00:33:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 23:54:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	49379	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	205739	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	103440	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	204362	20.00	ng	0.00
75) Chrysene-d12	13.96	240	178326	20.00	ng	0.00
86) Perylene-d12	15.36	264	175781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	241992	80.07	ng	0.00
7) Phenol-d6	6.44	99	359065	86.70	ng	0.00
23) Nitrobenzene-d5	7.38	82	353635	81.30	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	96611	85.02	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	547766	74.55	ng	0.00
78) Terphenyl-d14	12.91	244	672349	77.88	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	58475	40.79	ng	100
3) Pyridine	3.02	79	156119	38.14	ng	100
4) n-Nitrosodimethylamine	2.97	42	86620	41.74	ng	100
6) Aniline	6.46	93	239579	39.37	ng	100
8) 2-Chlorophenol	6.59	128	150947	43.16	ng	100
9) Benzaldehyde	6.35	77	117504	41.87	ng	100
10) Phenol	6.45	94	226951	46.19	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	148975	40.61	ng	100
12) 1,3-Dichlorobenzene	6.75	146	157193	42.36	ng	100
13) 1,4-Dichlorobenzene	6.83	146	149181	38.68	ng	100
14) 1,2-Dichlorobenzene	6.98	146	146294	41.96	ng	100
15) Benzyl Alcohol	6.96	79	147932	43.65	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	289290	39.19	ng	100
17) 2-Methylphenol	7.07	107	123556	41.39	ng	100
18) Hexachloroethane	7.32	117	59779	40.46	ng	100
19) n-Nitroso-di-n-propylamine	7.23	70	126518	41.80	ng	100
20) 3+4-Methylphenols	7.22	107	140647	37.51	ng	100
22) Acetophenone	7.22	105	187183	37.13	ng	100
24) Nitrobenzene	7.39	77	155028	34.62	ng	100
25) Isophorone	7.64	82	327588	39.16	ng	100
26) 2-Nitrophenol	7.71	139	75429	40.03	ng	100
27) 2,4-Dimethylphenol	7.76	122	142376	40.36	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	174796	34.81	ng	100
29) 2,4-Dichlorophenol	7.95	162	112898	38.94	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	130418	41.16	ng	100
31) Naphthalene	8.12	128	446949	39.41	ng	100
32) Benzoic acid	7.87	122	76184	35.91	ng	100
33) 4-Chloroaniline	8.17	127	193538	41.99	ng	100
34) Hexachlorobutadiene	8.24	225	68197	36.17	ng	100
35) Caprolactam	8.54	113	44611	44.05	ng	100
36) 4-Chloro-3-methylphenol	8.65	107	140858	39.82	ng	100
37) 2-Methylnaphthalene	8.81	142	279842	38.77	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	121668	38.15	ng	100
40) Hexachlorocyclopentadiene	8.97	237	70454	40.49	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	83451	35.10	ng	100
43) 2,4,5-Trichlorophenol	9.13	196	88847	38.99	ng	100
45) 1,1'-Biphenyl	9.28	154	354085	39.89	ng	100
46) 2-Chloronaphthalene	9.30	162	274027	39.59	ng	100
47) 2-Nitroaniline	9.39	65	114024	41.09	ng	100
48) Acenaphthylene	9.71	152	478739	39.79	ng	100
49) Dimethylphthalate	9.57	163	291030	33.87	ng	100
50) 2,6-Dinitrotoluene	9.63	165	64588	36.38	ng	100
51) Acenaphthene	9.88	154	295167	40.05	ng	100
52) 3-Nitroaniline	9.80	138	86502	39.53	ng	100
53) 2,4-Dinitrophenol	9.90	184	39838	42.51	ng	100
54) Dibenzofuran	10.05	168	396365	39.78	ng	100
55) 4-Nitrophenol	9.96	139	71425	43.60	ng	100
56) 2,4-Dinitrotoluene	10.03	165	85117	35.83	ng	100
57) Fluorene	10.40	166	310119	40.23	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	72065m	38.51	ng	
59) Diethylphthalate	10.27	149	325641	36.41	ng	100
60) 4-Chlorophenyl-phenylether	10.38	204	126646	33.72	ng	100
61) 4-Nitroaniline	10.41	138	90456	40.17	ng	100
62) Azobenzene	10.54	77	373252	37.32	ng	100
64) 4,6-Dinitro-2-methylphenol	10.44	198	55923	44.15	ng	100
65) n-Nitrosodiphenylamine	10.51	169	296203	41.72	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	85026	39.28	ng	100
67) Hexachlorobenzene	10.94	284	92925	38.62	ng	100
68) Atrazine	11.04	200	86510	41.56	ng	100
69) Pentachlorophenol	11.13	266	53625	38.32	ng	100
70) Phenanthrene	11.36	178	454769	39.30	ng	100
71) Anthracene	11.40	178	448725	39.17	ng	100
72) Carbazole	11.56	167	459934	41.23	ng	100
73) Di-n-butylphthalate	11.89	149	535368	38.38	ng	100
74) Fluoranthene	12.53	202	526619	42.10	ng	100
76) Benzidine	12.66	184	322472	45.88	ng	100
77) Pyrene	12.76	202	539739	40.97	ng	100
79) Butylbenzylphthalate	13.39	149	272316	42.88	ng	100
80) Benzo(a)anthracene	13.95	228	463241	41.13	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	193021	47.11	ng	100
82) Chrysene	13.99	228	471214	43.69	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	383446	43.39	ng	100
84) Di-n-octyl phthalate	14.56	149	673959	44.98	ng	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	462435	45.03	ng	100
87) Benzo(b)fluoranthene	14.97	252	522183m	42.72	ng	
88) Benzo(k)fluoranthene	14.99	252	376971m	35.38	ng	
89) Benzo(a)pyrene	15.31	252	432119	41.13	ng	100
90) Dibenzo(a,h)anthracene	16.74	278	376393	40.50	ng	100
91) Benzo(g,h,i)perylene	17.13	276	374066	41.38	ng	100

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

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