Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085159.D
Acq On : 3 Mar 2016 16:33
Operator : SJ/UM
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:22 PM

Quant Time: Mar 04 00:27:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:11:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	257704	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	996412	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	475195	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	884364	20.00	ng	0.00
75) Chrysene-d12	14.15	240	520377	20.00	ng	0.00
86) Perylene-d12	15.61	264	427824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1108544	70.27	ng	0.00
7) Phenol-d6	6.61	99	1511972	73.18	ng	0.00
23) Nitrobenzene-d5	7.54	82	1536482	82.33	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	335768	72.32	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	2332598	72.79	ng	0.00
78) Terphenyl-d14	13.09	244	1825992	81.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	299167	38.25	ng	100
3) Pyridine	3.44	79	754968	38.01	ng	100
4) n-Nitrosodimethylamine	3.40	42	338669	37.43	ng	100
6) Aniline	6.64	93	1130032	38.55	ng	100
8) 2-Chlorophenol	6.77	128	716031	39.12	ng	100
9) Benzaldehyde	6.53	77	361501	33.63	ng	100
10) Phenol	6.62	94	803988m	35.06	ng	
11) bis(2-Chloroethyl)ether	6.72	93	747197	40.75	ng	100
12) 1,3-Dichlorobenzene	6.93	146	774973	39.52	ng	100
13) 1,4-Dichlorobenzene	7.00	146	726822	36.47	ng	100
14) 1,2-Dichlorobenzene	7.16	146	730172	41.09	ng	100
15) Benzyl Alcohol	7.12	79	569338	37.63	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.26	45	969428	35.97	ng	100
17) 2-Methylphenol	7.24	107	614205	40.19	ng	100
18) Hexachloroethane	7.50	117	291870	39.42	ng	100
19) n-Nitroso-di-n-propylamine	7.41	70	518461	38.34	ng	100
20) 3+4-Methylphenols	7.38	107	646813	35.49	ng	100
22) Acetophenone	7.40	105	973477	38.78	ng	100
24) Nitrobenzene	7.57	77	769638	39.41	ng	100
25) Isophorone	7.81	82	1396794	39.13	ng	100
26) 2-Nitrophenol	7.89	139	388781	44.50	ng	100
27) 2,4-Dimethylphenol	7.92	122	708443	41.99	ng	100
28) bis(2-Chloroethoxy)methane	8.01	93	757766	38.28	ng	100
29) 2,4-Dichlorophenol	8.13	162	555909	40.25	ng	100
30) 1,2,4-Trichlorobenzene	8.21	180	583285	38.58	ng	100
31) Naphthalene	8.29	128	1830251	36.51	ng	100
32) Benzoic acid	8.05	122	489916	58.89	ng	100
33) 4-Chloroaniline	8.33	127	749261	37.63	ng	100
34) Hexachlorobutadiene	8.41	225	312032	36.38	ng	100
35) Caprolactam	8.72	113	179364	41.13	ng	100
36) 4-Chloro-3-methylphenol	8.81	107	607551	39.69	ng	100
37) 2-Methylnaphthalene	8.98	142	1280058	41.34	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	501504	34.77	ng	100
40) Hexachlorocyclopentadiene	9.13	237	298760	36.78	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	405316	41.35	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	390991	41.65	ng	100
45) 1,1'-Biphenyl	9.44	154	1451842	35.11	ng	100
46) 2-Chloronaphthalene	9.48	162	1207514	39.56	ng	100
47) 2-Nitroaniline	9.56	65	395172	41.41	ng	100
48) Acenaphthylene	9.89	152	1835361	39.89	ng	100
49) Dimethylphthalate	9.75	163	1472350	41.69	ng	100
50) 2,6-Dinitrotoluene	9.81	165	323965	44.21	ng	100
51) Acenaphthene	10.06	154	1109081	38.53	ng	100
52) 3-Nitroaniline	9.98	138	411363	47.45	ng	100
53) 2,4-Dinitrophenol	10.07	184	135609	56.35	ng	100
54) Dibenzofuran	10.23	168	1498324	39.99	ng	100
55) 4-Nitrophenol	10.13	139	324581	48.32	ng	100
56) 2,4-Dinitrotoluene	10.21	165	400937	40.68	ng	100
57) Fluorene	10.57	166	1202778	40.71	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	283635	40.46	ng	100
59) Diethylphthalate	10.45	149	1405703	41.80	ng	100
60) 4-Chlorophenyl-phenylether	10.56	204	557126	36.92	ng	100
61) 4-Nitroaniline	10.58	138	362548	44.99	ng	100
62) Azobenzene	10.72	77	1413478	41.48	ng	100
64) 4,6-Dinitro-2-methylphenol	10.62	198	238148	53.10	ng	100
65) n-Nitrosodiphenylamine	10.68	169	1036796	37.59	ng	100
66) 4-Bromophenyl-phenylether	11.05	248	352781	38.01	ng	100
67) Hexachlorobenzene	11.12	284	375643	36.41	ng	100
68) Atrazine	11.20	200	262795	31.61	ng	100
69) Pentachlorophenol	11.30	266	204876	34.25	ng	100
70) Phenanthrene	11.53	178	1674173	37.69	ng	100
71) Anthracene	11.59	178	1837430	37.36	ng	100
72) Carbazole	11.74	167	1686902	39.23	ng	100
73) Di-n-butylphthalate	12.06	149	2032562	39.86	ng	100
74) Fluoranthene	12.72	202	1784945	37.14	ng	100
76) Benzidine	12.84	184	723224	43.97	ng	100
77) Pyrene	12.95	202	1751120	47.25	ng	100
79) Butylbenzylphthalate	13.56	149	763056	48.82	ng	100
80) Benzo(a)anthracene	14.13	228	1268707	41.45	ng	100
81) 3,3'-Dichlorobenzidine	14.09	252	424385	44.25	ng	100
82) Chrysene	14.17	228	1284330	45.10	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	980374	53.52	ng	100
84) Di-n-octyl phthalate	14.73	149	1586239	57.03	ng	100
85) Indeno(1,2,3-cd)pyrene	17.10	276	1071737	44.67	ng	100
87) Benzo(b)fluoranthene	15.18	252	1202980	45.25	ng	100
88) Benzo(k)fluoranthene	15.21	252	800488m	36.07	ng	
89) Benzo(a)pyrene	15.56	252	960607	43.29	ng	100
90) Dibenzo(a,h)anthracene	17.11	278	893791	44.80	ng	100
91) Benzo(g,h,i)perylene	17.55	276	910540	44.83	ng	100

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

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