Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
Data File : BF089729.D
Acq On : 16 Aug 2016 17:16
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
umangi
8/17/2016 5:58:12 AM

Quant Time: Aug 16 18:41:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 18:33:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	658812	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	2723206	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	1291149	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	2435442	20.00	ng		0.00
75) Chrysene-d12	13.90	240	2039087	20.00	ng		0.00
86) Perylene-d12	15.41	264	1779217	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	3283063	39.88	ng		0.00
7) Phenol-d6	6.33	99	4071688	39.67	ng		0.00
23) Nitrobenzene-d5	7.27	82	3452107	38.41	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	929115	36.24	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	5408644	36.52	ng		0.00
78) Terphenyl-d14	12.81	244	4818932	33.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	771847	36.09	ng		97
3) Pyridine	2.86	79	2126789	39.92	ng		96
4) n-Nitrosodimethylamine	2.81	42	862034	38.61	ng	#	94
6) Aniline	6.36	93	2702237	38.10	ng		99
8) 2-Chlorophenol	6.48	128	1775536	39.10	ng		96
9) Benzaldehyde	6.24	77	1270502	36.63	ng		94
10) Phenol	6.35	94	2560481	41.53	ng		99
11) bis(2-Chloroethyl)ether	6.44	93	1918897	42.56	ng		98
12) 1,3-Dichlorobenzene	6.64	146	1891790	38.48	ng		98
13) 1,4-Dichlorobenzene	6.72	146	2028302	41.01	ng		98
14) 1,2-Dichlorobenzene	6.88	146	1847155	39.08	ng		97
15) Benzyl Alcohol	6.84	79	1252823	33.98	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2322601	40.33	ng		95
17) 2-Methylphenol	6.96	107	1495541	39.51	ng		98
18) Hexachloroethane	7.22	117	757037	40.90	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	1238828	37.09	ng		96
20) 3+4-Methylphenols	7.12	107	1653744	35.53	ng		93
22) Acetophenone	7.12	105	2429854	37.41	ng		92
24) Nitrobenzene	7.29	77	2130708	44.17	ng		94
25) Isophorone	7.53	82	3463016	38.53	ng		99
26) 2-Nitrophenol	7.61	139	979252	43.79	ng		94
27) 2,4-Dimethylphenol	7.66	122	1863777	41.90	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	1956844	34.26	ng		98
29) 2,4-Dichlorophenol	7.85	162	1560576	41.28	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	1512437	37.98	ng		99
31) Naphthalene	8.01	128	4569847	37.29	ng		95
32) Benzoic acid	7.78	122	1414680	49.63	ng		99
33) 4-Chloroaniline	8.07	127	2181382	37.22	ng		99
34) Hexachlorobutadiene	8.14	225	819385	40.36	ng		98
35) Caprolactam	8.44	113	448082	38.38	ng	#	81
36) 4-Chloro-3-methylphenol	8.55	107	1697004	43.08	ng		95
37) 2-Methylnaphthalene	8.71	142	3350284	39.60	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1460393	40.45	ng		98
40) Hexachlorocyclopentadiene	8.87	237	773814	38.80	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1098981	42.43	ng		100
43) 2,4,5-Trichlorophenol	9.02	196	1084221m	43.95	ng		
45) 1,1'-Biphenyl	9.16	154	3867151	36.16	ng		98
46) 2-Chloronaphthalene	9.19	162	2981063	38.44	ng		98
47) 2-Nitroaniline	9.28	65	946422	37.74	ng		95
48) Acenaphthylene	9.60	152	4708751	38.56	ng		96
49) Dimethylphthalate	9.48	163	3704220	40.94	ng	#	99
50) 2,6-Dinitrotoluene	9.53	165	780070	38.91	ng	#	85
51) Acenaphthene	9.77	154	3196337	39.99	ng		99
52) 3-Nitroaniline	9.69	138	1013728	38.99	ng		95
53) 2,4-Dinitrophenol	9.79	184	372127	52.25	ng	#	87
54) Dibenzofuran	9.94	168	3797818	33.51	ng		99
55) 4-Nitrophenol	9.85	139	797224	40.11	ng		85
56) 2,4-Dinitrotoluene	9.93	165	1158122	44.73	ng	#	71
57) Fluorene	10.28	166	2916788	35.89	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	786055	36.89	ng		98
59) Diethylphthalate	10.18	149	3891593	42.08	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	1374685	38.32	ng		96
61) 4-Nitroaniline	10.31	138	963904	41.99	ng		92
62) Azobenzene	10.44	77	3760687	37.52	ng		97
64) 4,6-Dinitro-2-methylphenol	10.33	198	507860	38.88	ng		80
65) n-Nitrosodiphenylamine	10.40	169	2920170	37.13	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	1044747	41.90	ng	#	91
67) Hexachlorobenzene	10.83	284	1137140	40.63	ng	#	88
68) Atrazine	10.94	200	909103	39.31	ng		96
69) Pentachlorophenol	11.02	266	691005	40.95	ng		98
70) Phenanthrene	11.24	178	5017363	41.53	ng		94
71) Anthracene	11.29	178	4317509	34.15	ng		96
72) Carbazole	11.45	167	4847857	40.24	ng		95
73) Di-n-butylphthalate	11.79	149	5273126	37.95	ng		97
74) Fluoranthene	12.42	202	4409194	34.54	ng		91
76) Benzidine	12.55	184	2639355	37.79	ng		97
77) Pyrene	12.65	202	4773559	36.52	ng		92
79) Butylbenzylphthalate	13.30	149	2356027	39.44	ng		87
80) Benzo(a)anthracene	13.89	228	4483207	38.30	ng		97
81) 3,3'-Dichlorobenzidine	13.85	252	1611571	37.51	ng		98
82) Chrysene	13.92	228	3750910	35.68	ng		98
83) Bis(2-ethylhexyl)phthalate	13.91	149	3304200	39.36	ng	#	99
84) Di-n-octyl phthalate	14.59	149	5195843	41.11	ng		97
85) Indeno(1,2,3-cd)pyrene	16.71	276	3593726	39.92	ng		99
87) Benzo(b)fluoranthene	15.01	252	4649982m	42.23	ng		
88) Benzo(k)fluoranthene	15.04	252	2875559m	32.65	ng		
89) Benzo(a)pyrene	15.35	252	3662129	39.65	ng		96
90) Dibenzo(a,h)anthracene	16.73	278	2915872	40.20	ng		96
91) Benzo(g,h,i)perylene	17.10	276	2935069	39.92	ng		100

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

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