Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085320.D
Acq On : 10 Mar 2016 1:23
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
3/10/2016 3:04:49 PM

Quant Time: Mar 10 10:18:47 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 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	243205	20.00	ng		-0.03
21) Naphthalene-d8	8.23	136	950058	20.00	ng		-0.03
38) Acenaphthene-d10	9.99	164	430593	20.00	ng		-0.03
63) Phenanthrene-d10	11.48	188	800330	20.00	ng		-0.03
75) Chrysene-d12	14.12	240	432335	20.00	ng		-0.03
86) Perylene-d12	15.58	264	337810	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1196945	82.55	ng		-0.02
7) Phenol-d6	6.58	99	1518130	79.92	ng		-0.02
23) Nitrobenzene-d5	7.52	82	1427023	80.38	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	334008	90.65	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	2214763	78.22	ng		-0.03
78) Terphenyl-d14	13.07	244	1640740	88.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	288636	38.93	ng		97
3) Pyridine	3.42	79	788600	42.50	ng		99
4) n-Nitrosodimethylamine	3.38	42	299367	37.69	ng		97
6) Aniline	6.62	93	1062436	39.90	ng		95
8) 2-Chlorophenol	6.73	128	648167	37.13	ng		100
9) Benzaldehyde	6.49	77	359321	40.29	ng		99
10) Phenol	6.60	94	930289	45.73	ng		98
11) bis(2-Chloroethyl)ether	6.69	93	675078	39.95	ng		99
12) 1,3-Dichlorobenzene	6.89	146	731897	39.05	ng		99
13) 1,4-Dichlorobenzene	6.96	146	680736	36.24	ng		99
14) 1,2-Dichlorobenzene	7.12	146	661851	38.84	ng		100
15) Benzyl Alcohol	7.09	79	501355	35.95	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.22	45	842080	34.57	ng		98
17) 2-Methylphenol	7.20	107	548741	38.53	ng		97
18) Hexachloroethane	7.46	117	274157	39.57	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	475868	38.44	ng		97
20) 3+4-Methylphenols	7.36	107	659615	39.10	ng	#	73
22) Acetophenone	7.36	105	796677	34.35	ng	#	95
24) Nitrobenzene	7.53	77	641896	35.59	ng		100
25) Isophorone	7.77	82	1318859	40.08	ng		100
26) 2-Nitrophenol	7.85	139	395312	45.04	ng	#	92
27) 2,4-Dimethylphenol	7.89	122	661097	41.21	ng		96
28) bis(2-Chloroethoxy)methane	7.98	93	715722	39.06	ng		100
29) 2,4-Dichlorophenol	8.09	162	556598	43.03	ng		96
30) 1,2,4-Trichlorobenzene	8.17	180	553152	39.55	ng		99
31) Naphthalene	8.25	128	1807307	38.69	ng		99
32) Benzoic acid	8.01	122	336779	31.61	ng		98
33) 4-Chloroaniline	8.30	127	728733	38.57	ng		99
34) Hexachlorobutadiene	8.38	225	305854	42.03	ng		99
35) Caprolactam	8.70	113	184103	43.58	ng	#	65
36) 4-Chloro-3-methylphenol	8.79	107	622161	42.39	ng		87
37) 2-Methylnaphthalene	8.95	142	1202559	40.11	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	514385	41.77	ng		98
40) Hexachlorocyclopentadiene	9.10	237	266940	40.19	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	392169	42.78	ng		98
43) 2,4,5-Trichlorophenol	9.27	196	363611	41.84	ng	#	85
45) 1,1'-Biphenyl	9.42	154	1522300	41.38	ng		94
46) 2-Chloronaphthalene	9.44	162	1155411	41.20	ng		96
47) 2-Nitroaniline	9.53	65	360372	41.47	ng	#	83
48) Acenaphthylene	9.85	152	1628830	37.32	ng		99
49) Dimethylphthalate	9.72	163	1223105	37.01	ng		99
50) 2,6-Dinitrotoluene	9.77	165	290774	41.13	ng	#	83
51) Acenaphthene	10.02	154	1009557	38.10	ng		100
52) 3-Nitroaniline	9.94	138	305852	36.16	ng		84
53) 2,4-Dinitrophenol	10.05	184	102260	33.67	ng	#	49
54) Dibenzofuran	10.20	168	1279470	36.85	ng		99
55) 4-Nitrophenol	10.10	139	266812	40.14	ng		95
56) 2,4-Dinitrotoluene	10.18	165	422637	46.71	ng	#	76
57) Fluorene	10.54	166	1048587	38.45	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	246527	40.37	ng		97
59) Diethylphthalate	10.41	149	1226959	38.26	ng		97
60) 4-Chlorophenyl-phenylether	10.53	204	548852	41.36	ng		91
61) 4-Nitroaniline	10.56	138	307455	38.86	ng		98
62) Azobenzene	10.69	77	1285852	40.70	ng		96
64) 4,6-Dinitro-2-methylphenol	10.58	198	162821	33.98	ng	#	46
65) n-Nitrosodiphenylamine	10.65	169	986809	39.64	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	323381	41.61	ng	#	84
67) Hexachlorobenzene	11.09	284	335440	40.46	ng	#	83
68) Atrazine	11.18	200	280226	40.48	ng		97
69) Pentachlorophenol	11.28	266	191892	41.70	ng		98
70) Phenanthrene	11.50	178	1699732	40.52	ng		100
71) Anthracene	11.56	178	1632860	36.67	ng		99
72) Carbazole	11.71	167	1400224	35.86	ng		98
73) Di-n-butylphthalate	12.04	149	1711303	34.67	ng		99
74) Fluoranthene	12.69	202	1319028	31.34	ng		97
76) Benzidine	12.81	184	510109	39.64	ng		99
77) Pyrene	12.92	202	1348280	41.43	ng		99
79) Butylbenzylphthalate	13.53	149	565356	38.29	ng	#	88
80) Benzo(a)anthracene	14.11	228	942911	36.43	ng		100
81) 3,3'-Dichlorobenzidine	14.07	252	345473	42.31	ng	#	95
82) Chrysene	14.14	228	833165	34.85	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	695420	35.79	ng	#	97
84) Di-n-octyl phthalate	14.70	149	999830	33.79	ng		96
85) Indeno(1,2,3-cd)pyrene	17.05	276	955088	51.19	ng		97
87) Benzo(b)fluoranthene	15.15	252	877939m	38.99	ng		
88) Benzo(k)fluoranthene	15.18	252	606393m	33.39	ng		
89) Benzo(a)pyrene	15.52	252	748091	40.09	ng		99
90) Dibenzo(a,h)anthracene	17.07	278	799542	50.20	ng		97
91) Benzo(g,h,i)perylene	17.49	276	815848	50.94	ng		99

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

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