Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090134.D
Acq On : 20 Sep 2016 13:04
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
sohil
9/21/2016 4:16:35 PM

Quant Time: Sep 20 13:40:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 13:15:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	162903	20.00	ng		0.00
21) Naphthalene-d8	7.82	136	656679	20.00	ng		0.00
38) Acenaphthene-d10	9.55	164	340330	20.00	ng		0.00
63) Phenanthrene-d10	11.03	188	533704	20.00	ng		0.00
75) Chrysene-d12	13.63	240	352277	20.00	ng		0.00
86) Perylene-d12	14.96	264	319527	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1185253	117.02	ng		0.01
7) Phenol-d6	6.18	99	1344504	101.39	ng		0.01
23) Nitrobenzene-d5	7.11	82	1330611	113.93	ng		0.01
41) 2,4,6-Tribromophenol	10.34	330	296527	86.74	ng		0.00
44) 2-Fluorobiphenyl	8.90	172	2022424	93.33	ng		0.01
78) Terphenyl-d14	12.61	244	1603801	108.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	308703	58.37	ng		98
3) Pyridine	2.52	79	721070	59.79	ng		99
4) n-Nitrosodimethylamine	2.49	42	227683	60.80	ng		93
6) Aniline	6.18	93	885528	53.80	ng	#	80
8) 2-Chlorophenol	6.31	128	635774	54.48	ng		90
9) Benzaldehyde	6.06	77	324469	45.91	ng		96
10) Phenol	6.19	94	729814	49.03	ng		91
11) bis(2-Chloroethyl)ether	6.27	93	628423	52.65	ng		95
12) 1,3-Dichlorobenzene	6.46	146	649901	54.14	ng		96
13) 1,4-Dichlorobenzene	6.54	146	657533	53.06	ng		97
14) 1,2-Dichlorobenzene	6.70	146	607255	53.93	ng	#	94
15) Benzyl Alcohol	6.68	79	399641	53.52	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.82	45	728792	51.52	ng		99
17) 2-Methylphenol	6.81	107	542974	56.89	ng		96
18) Hexachloroethane	7.04	117	254314	56.55	ng	#	85
19) n-Nitroso-di-n-propylamine	6.97	70	437209	53.06	ng		98
20) 3+4-Methylphenols	6.97	107	641120	55.33	ng		99
22) Acetophenone	6.95	105	857307	53.93	ng	#	96
24) Nitrobenzene	7.12	77	622545	50.60	ng		95
25) Isophorone	7.37	82	1353369	55.34	ng		99
26) 2-Nitrophenol	7.44	139	364554	61.11	ng	#	81
27) 2,4-Dimethylphenol	7.50	122	620713	59.14	ng		98
28) bis(2-Chloroethoxy)methane	7.59	93	837219	58.37	ng		99
29) 2,4-Dichlorophenol	7.68	162	486870	52.51	ng		89
30) 1,2,4-Trichlorobenzene	7.76	180	506578	55.39	ng		99
31) Naphthalene	7.84	128	1858357	57.57	ng		100
32) Benzoic acid	7.67	122	439026	58.21	ng		97
33) 4-Chloroaniline	7.90	127	778329	56.66	ng		96
34) Hexachlorobutadiene	7.96	225	267161	57.04	ng		98
35) Caprolactam	8.30	113	179009	57.82	ng		96
36) 4-Chloro-3-methylphenol	8.40	107	613216	56.97	ng	#	83
37) 2-Methylnaphthalene	8.52	142	1010990	50.50	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	465791	53.23	ng		99
40) Hexachlorocyclopentadiene	8.68	237	242348	53.29	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	327287	51.60	ng		98
43) 2,4,5-Trichlorophenol	8.86	196	344815	50.54	ng		99
45) 1,1'-Biphenyl	8.99	154	1249905	44.88	ng		97
46) 2-Chloronaphthalene	9.02	162	1064766	51.60	ng		95
47) 2-Nitroaniline	9.12	65	340620	51.71	ng		88
48) Acenaphthylene	9.42	152	1535456	44.31	ng		99
49) Dimethylphthalate	9.31	163	1302035	51.51	ng		100
50) 2,6-Dinitrotoluene	9.36	165	257909	45.66	ng		96
51) Acenaphthene	9.59	154	930382	48.07	ng		100
52) 3-Nitroaniline	9.53	138	369579	53.77	ng		98
53) 2,4-Dinitrophenol	9.63	184	167512	54.54	ng		97
54) Dibenzofuran	9.76	168	1156566	43.21	ng		94
55) 4-Nitrophenol	9.70	139	230100	47.57	ng		86
56) 2,4-Dinitrotoluene	9.76	165	290687	42.21	ng		98
57) Fluorene	10.10	166	845399	40.26	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	236968	45.54	ng		99
59) Diethylphthalate	10.00	149	1083711	44.28	ng		99
60) 4-Chlorophenyl-phenylether	10.10	204	366305	41.37	ng		93
61) 4-Nitroaniline	10.15	138	364285	52.36	ng		98
62) Azobenzene	10.26	77	1284220	50.00	ng		95
64) 4,6-Dinitro-2-methylphenol	10.17	198	229136	70.16	ng		98
65) n-Nitrosodiphenylamine	10.23	169	969974	57.36	ng		99
66) 4-Bromophenyl-phenylether	10.58	248	289970	56.36	ng	#	78
67) Hexachlorobenzene	10.65	284	343462	56.65	ng	#	82
68) Atrazine	10.77	200	303272	60.35	ng		99
69) Pentachlorophenol	10.85	266	220990	62.22	ng		99
70) Phenanthrene	11.05	178	1305371	50.61	ng		99
71) Anthracene	11.10	178	1487929	52.84	ng		100
72) Carbazole	11.27	167	1556998	53.90	ng		98
73) Di-n-butylphthalate	11.61	149	1697886	52.41	ng		100
74) Fluoranthene	12.23	202	1511300	55.93	ng		95
76) Benzidine	12.35	184	742196	51.65	ng		99
77) Pyrene	12.45	202	1347782	52.42	ng		98
79) Butylbenzylphthalate	13.09	149	733833	57.32	ng	#	77
80) Benzo(a)anthracene	13.62	228	1186341	57.69	ng		99
81) 3,3'-Dichlorobenzidine	13.61	252	487247	56.53	ng	#	98
82) Chrysene	13.67	228	1099291	56.99	ng		99
83) Bis(2-ethylhexyl)phthalate	13.66	149	951068	60.06	ng		99
84) Di-n-octyl phthalate	14.26	149	1671040	59.03	ng		100
85) Indeno(1,2,3-cd)pyrene	16.13	276	938235	55.98	ng		99
87) Benzo(b)fluoranthene	14.62	252	1011393m	53.99	ng		
88) Benzo(k)fluoranthene	14.64	252	910368m	53.98	ng		
89) Benzo(a)pyrene	14.91	252	951423	56.64	ng	#	97
90) Dibenzo(a,h)anthracene	16.15	278	770693	58.58	ng		98
91) Benzo(g,h,i)perylene	16.48	276	793355	63.19	ng		97

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

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