Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090132.D
Acq On : 20 Sep 2016 12:07
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
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9/21/2016 4:17:25 PM

Quant Time: Sep 20 13:36:49 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	171195	20.00	ng		0.00
21) Naphthalene-d8	7.82	136	693616	20.00	ng		0.00
38) Acenaphthene-d10	9.55	164	358110	20.00	ng		0.00
63) Phenanthrene-d10	11.03	188	576644	20.00	ng		0.00
75) Chrysene-d12	13.63	240	423071	20.00	ng		0.00
86) Perylene-d12	14.96	264	396768	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	819612	77.00	ng		0.00
7) Phenol-d6	6.17	99	1021132	73.27	ng		0.00
23) Nitrobenzene-d5	7.10	82	883051	71.58	ng		0.00
41) 2,4,6-Tribromophenol	10.34	330	246111	68.42	ng		0.00
44) 2-Fluorobiphenyl	8.89	172	1371883	60.16	ng		0.00
78) Terphenyl-d14	12.61	244	1168510	65.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	208942	37.59	ng		96
3) Pyridine	2.52	79	475706	37.54	ng		99
4) n-Nitrosodimethylamine	2.48	42	140384	35.67	ng		91
6) Aniline	6.18	93	623923	36.07	ng	#	80
8) 2-Chlorophenol	6.31	128	464077	37.84	ng		83
9) Benzaldehyde	6.06	77	215659	29.03	ng		99
10) Phenol	6.19	94	618771	39.56	ng	#	66
11) bis(2-Chloroethyl)ether	6.27	93	470955	37.54	ng		89
12) 1,3-Dichlorobenzene	6.46	146	469243	37.20	ng		98
13) 1,4-Dichlorobenzene	6.54	146	473849	36.38	ng		98
14) 1,2-Dichlorobenzene	6.70	146	441518	37.31	ng		97
15) Benzyl Alcohol	6.68	79	305183	38.89	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.82	45	543354	36.55	ng		96
17) 2-Methylphenol	6.81	107	370201	36.91	ng	#	95
18) Hexachloroethane	7.04	117	178999	37.88	ng	#	79
19) n-Nitroso-di-n-propylamine	6.96	70	295890	34.17	ng		99
20) 3+4-Methylphenols	6.96	107	446426	36.66	ng		93
22) Acetophenone	6.95	105	638895	38.05	ng	#	98
24) Nitrobenzene	7.12	77	488419	37.59	ng	#	79
25) Isophorone	7.36	82	919891	35.61	ng		98
26) 2-Nitrophenol	7.43	139	232614	36.92	ng		92
27) 2,4-Dimethylphenol	7.48	122	404295	36.47	ng		98
28) bis(2-Chloroethoxy)methane	7.59	93	571319	37.71	ng		98
29) 2,4-Dichlorophenol	7.68	162	367962	37.58	ng		92
30) 1,2,4-Trichlorobenzene	7.76	180	365376	37.82	ng		98
31) Naphthalene	7.83	128	1259582	36.94	ng		99
32) Benzoic acid	7.64	122	308725	38.76	ng		97
33) 4-Chloroaniline	7.90	127	532625	36.71	ng	#	91
34) Hexachlorobutadiene	7.96	225	186200	37.64	ng		98
35) Caprolactam	8.27	113	114356	34.97	ng		97
36) 4-Chloro-3-methylphenol	8.39	107	395520	34.79	ng		96
37) 2-Methylnaphthalene	8.52	142	768723	36.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	314038	34.10	ng		97
40) Hexachlorocyclopentadiene	8.68	237	171733	35.89	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	244002	36.56	ng		99
43) 2,4,5-Trichlorophenol	8.84	196	233926	32.58	ng	#	83
45) 1,1'-Biphenyl	8.99	154	1039717	35.48	ng		97
46) 2-Chloronaphthalene	9.00	162	688104	31.69	ng		97
47) 2-Nitroaniline	9.11	65	212766	30.69	ng	#	83
48) Acenaphthylene	9.42	152	1139482	31.25	ng		100
49) Dimethylphthalate	9.30	163	836399	31.44	ng		99
50) 2,6-Dinitrotoluene	9.36	165	208161	35.02	ng	#	82
51) Acenaphthene	9.59	154	708938	34.81	ng		99
52) 3-Nitroaniline	9.52	138	228999	31.67	ng		90
53) 2,4-Dinitrophenol	9.63	184	101937	31.54	ng	#	86
54) Dibenzofuran	9.76	168	879662	31.23	ng		95
55) 4-Nitrophenol	9.70	139	169308	33.27	ng		95
56) 2,4-Dinitrotoluene	9.76	165	250027	34.50	ng	#	81
57) Fluorene	10.10	166	736081	33.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	186448	34.05	ng		99
59) Diethylphthalate	10.00	149	868775	33.74	ng		97
60) 4-Chlorophenyl-phenylether	10.10	204	304402	32.67	ng		89
61) 4-Nitroaniline	10.14	138	252698	34.52	ng		100
62) Azobenzene	10.26	77	919415	34.02	ng		91
64) 4,6-Dinitro-2-methylphenol	10.16	198	138959	39.38	ng	#	67
65) n-Nitrosodiphenylamine	10.22	169	707769	38.74	ng		98
66) 4-Bromophenyl-phenylether	10.58	248	210495	37.87	ng	#	87
67) Hexachlorobenzene	10.64	284	231630	35.36	ng	#	88
68) Atrazine	10.75	200	181433	33.42	ng		96
69) Pentachlorophenol	10.83	266	150628	39.25	ng		99
70) Phenanthrene	11.05	178	1091854	39.18	ng		99
71) Anthracene	11.10	178	1050791	34.54	ng		100
72) Carbazole	11.26	167	1086752	34.82	ng		99
73) Di-n-butylphthalate	11.61	149	1319739	37.70	ng		99
74) Fluoranthene	12.22	202	1079496	36.97	ng		97
76) Benzidine	12.35	184	569605	33.01	ng		99
77) Pyrene	12.45	202	1078114	34.92	ng		99
79) Butylbenzylphthalate	13.09	149	543847	35.37	ng	#	78
80) Benzo(a)anthracene	13.62	228	909570	36.83	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	361996	34.97	ng	#	96
82) Chrysene	13.67	228	874391	37.75	ng		98
83) Bis(2-ethylhexyl)phthalate	13.66	149	734058	38.60	ng		99
84) Di-n-octyl phthalate	14.26	149	1319321	38.81	ng		99
85) Indeno(1,2,3-cd)pyrene	16.13	276	744587	36.99	ng		100
87) Benzo(b)fluoranthene	14.62	252	883834m	38.00	ng		
88) Benzo(k)fluoranthene	14.64	252	748713m	35.75	ng		
89) Benzo(a)pyrene	14.91	252	792341	37.99	ng		98
90) Dibenzo(a,h)anthracene	16.15	278	620294	37.97	ng		99
91) Benzo(g,h,i)perylene	16.48	276	598381	38.38	ng		94

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

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