Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091269.D
Acq On : 23 Nov 2016 10:24
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
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11/28/2016 4:52:18 PM

Quant Time: Nov 23 12:10:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 11:54:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	203603	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	827475	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	433279	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	763424	20.00	ng		0.00
75) Chrysene-d12	14.03	240	484361	20.00	ng		-0.01
86) Perylene-d12	15.47	264	395266	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	707858	57.80	ng		0.00
7) Phenol-d6	6.50	99	865999	59.14	ng		0.00
23) Nitrobenzene-d5	7.44	82	698056	46.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	248365	61.40	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1314476	52.98	ng		0.00
78) Terphenyl-d14	12.99	244	1288817	60.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	150376	27.02	ng		88
3) Pyridine	3.21	79	420983	28.93	ng		89
4) n-Nitrosodimethylamine	3.15	42	223499	28.46	ng		95
6) Aniline	6.53	93	532084	30.25	ng	#	72
8) 2-Chlorophenol	6.66	128	377600	28.78	ng		91
9) Benzaldehyde	6.42	77	230403	31.34	ng		90
10) Phenol	6.51	94	511470	29.85	ng		90
11) bis(2-Chloroethyl)ether	6.61	93	379132	28.40	ng		96
12) 1,3-Dichlorobenzene	6.82	146	407090	28.54	ng		99
13) 1,4-Dichlorobenzene	6.90	146	415077	27.85	ng		97
14) 1,2-Dichlorobenzene	7.05	146	364057	27.50	ng		99
15) Benzyl Alcohol	7.01	79	311327	27.06	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.16	45	766401	30.00	ng		71
17) 2-Methylphenol	7.13	107	292404	22.16	ng	#	75
18) Hexachloroethane	7.39	117	140645	25.50	ng	#	77
19) n-Nitroso-di-n-propylamine	7.29	70	245596	22.95	ng	#	96
20) 3+4-Methylphenols	7.28	107	343274	26.02	ng	#	88
22) Acetophenone	7.29	105	502967	25.50	ng	#	91
24) Nitrobenzene	7.46	77	425316	25.46	ng	#	88
25) Isophorone	7.70	82	676788	23.91	ng		99
26) 2-Nitrophenol	7.78	139	173200	24.27	ng	#	78
27) 2,4-Dimethylphenol	7.81	122	343538	30.55	ng		95
28) bis(2-Chloroethoxy)methane	7.92	93	439776	28.42	ng		98
29) 2,4-Dichlorophenol	8.02	162	295436	26.40	ng		92
30) 1,2,4-Trichlorobenzene	8.11	180	336240	26.90	ng	#	95
31) Naphthalene	8.19	128	1053071	27.24	ng		98
32) Benzoic acid	7.92	122	251823	32.73	ng		90
33) 4-Chloroaniline	8.24	127	428167	27.36	ng	#	91
34) Hexachlorobutadiene	8.30	225	194397	26.23	ng		97
35) Caprolactam	8.59	113	85467	27.12	ng		95
36) 4-Chloro-3-methylphenol	8.70	107	306702	25.01	ng		99
37) 2-Methylnaphthalene	8.88	142	677292	26.13	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	334882	27.41	ng	#	96
40) Hexachlorocyclopentadiene	9.04	237	156758	43.69	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	229842	30.91	ng		97
43) 2,4,5-Trichlorophenol	9.18	196	207070	26.59	ng	#	91
45) 1,1'-Biphenyl	9.34	154	943974	28.57	ng		95
46) 2-Chloronaphthalene	9.37	162	673499	27.40	ng		95
47) 2-Nitroaniline	9.46	65	216555	23.74	ng		97
48) Acenaphthylene	9.78	152	990649	26.77	ng		98
49) Dimethylphthalate	9.64	163	733145	25.36	ng		98
50) 2,6-Dinitrotoluene	9.70	165	169853	27.41	ng		87
51) Acenaphthene	9.95	154	636554	27.75	ng		97
52) 3-Nitroaniline	9.86	138	165431	25.04	ng	#	78
53) 2,4-Dinitrophenol	9.96	184	41158	16.53	ng	#	1
54) Dibenzofuran	10.12	168	899611	28.16	ng		96
55) 4-Nitrophenol	10.01	139	115610	39.28	ng		97
56) 2,4-Dinitrotoluene	10.10	165	222235	28.48	ng		89
57) Fluorene	10.46	166	694969	26.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	194397	29.64	ng		97
59) Diethylphthalate	10.34	149	709381	25.31	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	336348	27.70	ng		98
61) 4-Nitroaniline	10.48	138	168893	24.81	ng		95
62) Azobenzene	10.61	77	678060	20.35	ng		82
64) 4,6-Dinitro-2-methylphenol	10.50	198	73263	15.04	ng		93
65) n-Nitrosodiphenylamine	10.58	169	633346	27.53	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	206703	25.90	ng		93
67) Hexachlorobenzene	11.01	284	244199	28.05	ng	#	95
68) Atrazine	11.10	200	194486	23.83	ng		92
69) Pentachlorophenol	11.20	266	137020	39.75	ng		95
70) Phenanthrene	11.42	178	1073661	26.76	ng		99
71) Anthracene	11.47	178	1003584	25.10	ng		99
72) Carbazole	11.63	167	973941	26.59	ng		97
73) Di-n-butylphthalate	11.97	149	1109998	25.46	ng	#	98
74) Fluoranthene	12.61	202	1042256	23.85	ng		96
76) Benzidine	12.73	184	287095	26.39	ng		97
77) Pyrene	12.83	202	1029159	27.70	ng		98
79) Butylbenzylphthalate	13.46	149	372093	23.86	ng		89
80) Benzo(a)anthracene	14.02	228	740035	25.22	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	256432	25.21	ng		98
82) Chrysene	14.05	228	696681	23.10	ng		98
83) Bis(2-ethylhexyl)phthalate	14.03	149	486552	24.61	ng	#	94
84) Di-n-octyl phthalate	14.64	149	671893	19.41	ng		98
85) Indeno(1,2,3-cd)pyrene	16.88	276	643576	26.83	ng		95
87) Benzo(b)fluoranthene	15.05	252	692871m	29.17	ng		
88) Benzo(k)fluoranthene	15.08	252	477448m	19.90	ng		
89) Benzo(a)pyrene	15.40	252	547071	25.11	ng		97
90) Dibenzo(a,h)anthracene	16.90	278	566189	31.54	ng	#	94
91) Benzo(g,h,i)perylene	17.30	276	572593	31.21	ng		100

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

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