Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083596.D
Acq On : 8 Dec 2015 15:19
Operator : UM/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
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12/9/2015 6:13:13 PM

Quant Time: Dec 08 17:37:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 17:21:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	170143	20.00	ng		0.00
21) Naphthalene-d8	7.60	136	664833	20.00	ng		-0.01
38) Acenaphthene-d10	10.38	164	329433	20.00	ng		0.00
63) Phenanthrene-d10	12.79	188	627131	20.00	ng		0.00
75) Chrysene-d12	16.99	240	529281	20.00	ng		0.00
86) Perylene-d12	18.64	264	441130	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.98	112	590395	52.49	ng		0.01
7) Phenol-d6	5.26	99	790535	51.14	ng		-0.01
23) Nitrobenzene-d5	6.53	82	734372	51.77	ng		0.00
41) 2,4,6-Tribromophenol	11.68	330	154271	50.88	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1215744	50.33	ng		0.00
78) Terphenyl-d14	15.41	244	1150445	49.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.81	88	149101	25.62	ng		94
3) Pyridine	2.28	79	317901	23.03	ng		97
4) n-Nitrosodimethylamine	2.24	42	183271	25.92	ng		91
6) Aniline	5.25	93	488450	24.43	ng		88
8) 2-Chlorophenol	5.42	128	319653	25.64	ng		93
9) Benzaldehyde	5.10	77	222376	25.39	ng		98
10) Phenol	5.29	94	468909	25.65	ng		88
11) bis(2-Chloroethyl)ether	5.36	93	318428	23.72	ng		98
12) 1,3-Dichlorobenzene	5.61	146	345770m	24.96	ng		
13) 1,4-Dichlorobenzene	5.72	146	357913	25.30	ng		98
14) 1,2-Dichlorobenzene	5.94	146	339236	26.00	ng		99
15) Benzyl Alcohol	5.95	79	284084	26.41	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.12	45	626744	25.11	ng	#	61
17) 2-Methylphenol	6.14	107	256988	24.90	ng		92
18) Hexachloroethane	6.41	117	127877	25.79	ng	#	85
19) n-Nitroso-di-n-propylamine	6.33	70	264954	25.63	ng	#	89
20) 3+4-Methylphenols	6.38	107	331576	24.93	ng		99
22) Acetophenone	6.32	105	467360	24.45	ng		98
24) Nitrobenzene	6.56	77	400296	25.53	ng		99
25) Isophorone	6.93	82	704204	25.76	ng		98
26) 2-Nitrophenol	7.05	139	162937	26.31	ng		93
27) 2,4-Dimethylphenol	7.16	122	283832	26.04	ng		95
28) bis(2-Chloroethoxy)methane	7.29	93	398989	26.23	ng		99
29) 2,4-Dichlorophenol	7.45	162	256301	25.99	ng		98
30) 1,2,4-Trichlorobenzene	7.53	180	278948	25.60	ng		97
31) Naphthalene	7.63	128	904835	25.66	ng		99
32) Benzoic acid	7.47	122	157732	26.91	ng		97
33) 4-Chloroaniline	7.77	127	332207	24.23	ng		96
34) Hexachlorobutadiene	7.84	225	166088	25.79	ng		97
35) Caprolactam	8.36	113	78715	25.11	ng	#	84
36) 4-Chloro-3-methylphenol	8.61	107	281077	25.32	ng		95
37) 2-Methylnaphthalene	8.73	142	563628	25.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	276422	25.48	ng	#	100
40) Hexachlorocyclopentadiene	8.98	237	18902	6.50	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	163911	24.24	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	161453	23.22	ng		97
45) 1,1'-Biphenyl	9.49	154	743815	25.49	ng		99
46) 2-Chloronaphthalene	9.50	162	560492	25.45	ng		96
47) 2-Nitroaniline	9.72	65	199692	25.41	ng		94
48) Acenaphthylene	10.16	152	922336	25.58	ng		99
49) Dimethylphthalate	10.04	163	658202	25.30	ng		98
50) 2,6-Dinitrotoluene	10.12	165	138975	25.45	ng		93
51) Acenaphthene	10.44	154	519754	24.99	ng		99
52) 3-Nitroaniline	10.40	138	147881	25.00	ng		95
53) 2,4-Dinitrophenol	10.64	184	53900	22.83	ng		96
54) Dibenzofuran	10.73	168	724949	25.12	ng		98
55) 4-Nitrophenol	10.84	139	61476	19.24	ng		95
56) 2,4-Dinitrotoluene	10.80	165	190167	26.43	ng	#	76
57) Fluorene	11.28	166	639774	25.59	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.97	232	128496	24.55	ng	#	100
59) Diethylphthalate	11.19	149	648704	25.96	ng		97
60) 4-Chlorophenyl-phenylether	11.30	204	300166	24.96	ng		97
61) 4-Nitroaniline	11.40	138	139323	26.06	ng		94
62) Azobenzene	11.56	77	751073	27.78	ng		98
64) 4,6-Dinitro-2-methylphenol	11.46	198	99107	24.79	ng		81
65) n-Nitrosodiphenylamine	11.52	169	519590	25.06	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	176897	25.74	ng		98
67) Hexachlorobenzene	12.17	284	186492	25.41	ng	#	87
68) Atrazine	12.43	200	157298	25.04	ng		99
69) Pentachlorophenol	12.53	266	35119	12.78	ng		98
70) Phenanthrene	12.82	178	905844	24.92	ng		100
71) Anthracene	12.91	178	956806	25.75	ng		99
72) Carbazole	13.21	167	816362	25.60	ng		99
73) Di-n-butylphthalate	13.84	149	1039175	26.85	ng		99
74) Fluoranthene	14.75	202	948510	26.21	ng		99
76) Benzidine	15.03	184	469087	25.04	ng		99
77) Pyrene	15.11	202	974784	24.82	ng		99
79) Butylbenzylphthalate	16.24	149	428643	27.35	ng		93
80) Benzo(a)anthracene	16.98	228	788202	25.54	ng		99
81) 3,3'-Dichlorobenzidine	16.97	252	283253	28.43	ng		97
82) Chrysene	17.03	228	792826	25.71	ng		100
83) Bis(2-ethylhexyl)phthalate	17.09	149	597596	28.65	ng		99
84) Di-n-octyl phthalate	17.86	149	931890	30.99	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.87	276	535655	21.01	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	607040m	24.53	ng		
88) Benzo(k)fluoranthene	18.28	252	697021m	27.07	ng		
89) Benzo(a)pyrene	18.58	252	587099	24.43	ng	#	95
90) Dibenzo(a,h)anthracene	19.87	278	452670	20.31	ng		98
91) Benzo(g,h,i)perylene	20.23	276	425898	19.01	ng		97

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

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