Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
Data File : BF091316.D
Acq On : 29 Nov 2016 10:01
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC02.5

Manual Integrations APPROVED
sohil
11/30/2016 10:29:54 AM

Quant Time: Nov 29 13:28:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 12:14:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	156425	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	662339	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	357412	20.00	ng		-0.01
63) Phenanthrene-d10	11.38	188	637227	20.00	ng		0.00
75) Chrysene-d12	14.01	240	541233	20.00	ng		0.00
86) Perylene-d12	15.43	264	383484	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	54487	5.60	ng		-0.01
7) Phenol-d6	6.48	99	66045	5.28	ng		-0.01
23) Nitrobenzene-d5	7.42	82	62094	5.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	17788	4.94	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.96	244	139679	5.89	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	12514	2.72	ng		93
3) Pyridine	3.21	79	31944	2.59	ng	#	61
4) n-Nitrosodimethylamine	3.12	42	16951	2.51	ng	#	95
6) Aniline	6.52	93	45479	2.84	ng	#	67
8) 2-Chlorophenol	6.64	128	30156	2.84	ng		92
9) Benzaldehyde	6.40	77	22855	3.38	ng		88
10) Phenol	6.49	94	41213	2.95	ng		82
11) bis(2-Chloroethyl)ether	6.60	93	26379	2.57	ng		90
12) 1,3-Dichlorobenzene	6.80	146	34960	3.02	ng		98
13) 1,4-Dichlorobenzene	6.88	146	35284	2.98	ng		100
14) 1,2-Dichlorobenzene	7.03	146	31622	2.82	ng		96
15) Benzyl Alcohol	7.00	79	27137	2.79	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	60790	2.70	ng		72
17) 2-Methylphenol	7.11	107	24905	2.97	ng	#	78
18) Hexachloroethane	7.38	117	10509	2.49	ng	#	77
19) n-Nitroso-di-n-propylamine	7.27	70	20372	2.60	ng	#	89
20) 3+4-Methylphenols	7.26	107	29338	2.85	ng	#	77
22) Acetophenone	7.27	105	43639	2.92	ng	#	94
24) Nitrobenzene	7.44	77	29779	2.45	ng	#	78
25) Isophorone	7.68	82	55579	2.59	ng		98
26) 2-Nitrophenol	7.76	139	12025	2.46	ng	#	83
27) 2,4-Dimethylphenol	7.80	122	28594	2.79	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	32033	2.50	ng		99
29) 2,4-Dichlorophenol	8.00	162	23927	2.64	ng		92
30) 1,2,4-Trichlorobenzene	8.09	180	25941	2.49	ng		91
31) Naphthalene	8.17	128	84320	2.65	ng		97
33) 4-Chloroaniline	8.22	127	34401	2.48	ng	#	93
34) Hexachlorobutadiene	8.30	225	15952	2.59	ng		96
35) Caprolactam	8.54	113	6450	2.31	ng	#	53
36) 4-Chloro-3-methylphenol	8.69	107	27114	2.79	ng		96
37) 2-Methylnaphthalene	8.86	142	59571	2.72	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	27073	2.80	ng	#	96
40) Hexachlorocyclopentadiene	9.02	237	11599	2.68	ng		99
42) 2,4,6-Trichlorophenol	9.13	196	18045	2.70	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	18270	2.85	ng	#	92
45) 1,1'-Biphenyl	9.33	154	73978	2.87	ng		93
46) 2-Chloronaphthalene	9.35	162	53214	2.82	ng	#	91
47) 2-Nitroaniline	9.43	65	16286	2.54	ng	#	65
48) Acenaphthylene	9.76	152	87834	2.90	ng		97
49) Dimethylphthalate	9.61	163	61057	2.74	ng		98
50) 2,6-Dinitrotoluene	9.68	165	11616	2.38	ng	#	63
51) Acenaphthene	9.93	154	59670	2.90	ng		96
52) 3-Nitroaniline	9.84	138	15944	3.04	ng		99
54) Dibenzofuran	10.10	168	83317	2.88	ng	#	89
55) 4-Nitrophenol	9.99	139	9595	2.54	ng		89
56) 2,4-Dinitrotoluene	10.08	165	13615	2.21	ng	#	84
58) 2,3,4,6-Tetrachlorophenol	10.22	232	15857	2.81	ng	#	97
59) Diethylphthalate	10.32	149	66992	2.98	ng		95
60) 4-Chlorophenyl-phenylether	10.45	204	28886	2.83	ng	#	88
61) 4-Nitroaniline	10.45	138	13966	2.86	ng		90
62) Azobenzene	10.60	77	61848	2.72	ng		86
65) n-Nitrosodiphenylamine	10.55	169	51417	2.66	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	18246	2.62	ng		93
67) Hexachlorobenzene	11.00	284	20209	2.65	ng		96
68) Atrazine	11.08	200	17516	3.43	ng		99
69) Pentachlorophenol	11.18	266	9645	2.14	ng		94
70) Phenanthrene	11.41	178	91961	2.78	ng		98
71) Anthracene	11.45	178	101845	3.01	ng		98
72) Carbazole	11.60	167	87062	2.89	ng		98
73) Di-n-butylphthalate	11.95	149	94228	2.70	ng		100
76) Benzidine	12.71	184	29304	2.79	ng		97
77) Pyrene	12.81	202	107690	2.69	ng		97
79) Butylbenzylphthalate	13.44	149	36183	2.26	ng		95
80) Benzo(a)anthracene	14.00	228	86642	2.82	ng		96
81) 3,3'-Dichlorobenzidine	13.97	252	24593	2.43	ng	#	97
82) Chrysene	14.04	228	86327	2.97	ng		97
83) Bis(2-ethylhexyl)phthalate	14.00	149	49513	2.49	ng		99
84) Di-n-octyl phthalate	14.61	149	67506	2.15	ng		99
87) Benzo(b)fluoranthene	15.02	252	64961m	2.69	ng		
89) Benzo(a)pyrene	15.37	252	56980	2.77	ng	#	93
90) Dibenzo(a,h)anthracene	16.84	278	41643	2.19	ng	#	93
91) Benzo(g,h,i)perylene	17.24	276	40556	2.15	ng		97

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

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