Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091157.D
Acq On : 11 Nov 2016 23:03
Operator : UM/SJ
Sample : H5628-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-COMPMS

Manual Integrations APPROVED
sohil
11/14/2016 6:36:44 PM

Quant Time: Nov 12 00:51:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	190126	20.00	ng		-0.01
21) Naphthalene-d8	7.93	136	794079	20.00	ng		-0.02
38) Acenaphthene-d10	9.69	164	406037	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	647685	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	459810	20.00	ng		-0.02
86) Perylene-d12	15.15	264	329063	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1613845	140.19	ng		0.00
7) Phenol-d6	6.32	99	1953109	125.00	ng		0.00
23) Nitrobenzene-d5	7.22	82	1310308	90.01	ng		-0.02
41) 2,4,6-Tribromophenol	10.48	330	483970	131.84	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	1963059	83.24	ng		-0.02
78) Terphenyl-d14	12.74	244	1950758	105.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	206564	31.37	ng	#	96
3) Pyridine	2.82	79	552490	35.86	ng		98
4) n-Nitrosodimethylamine	2.77	42	254236	41.72	ng		95
6) Aniline	6.32	93	501499	27.21	ng	#	76
8) 2-Chlorophenol	6.43	128	559133	40.72	ng		96
9) Benzaldehyde	6.20	77	54200	6.25	ng		92
10) Phenol	6.33	94	902244	52.17	ng	#	58
11) bis(2-Chloroethyl)ether	6.40	93	639084	43.86	ng		88
12) 1,3-Dichlorobenzene	6.58	146	564406m	40.64	ng		
13) 1,4-Dichlorobenzene	6.66	146	595536	39.96	ng		94
14) 1,2-Dichlorobenzene	6.82	146	555665	40.63	ng		96
15) Benzyl Alcohol	6.81	79	473143	42.93	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.93	45	713607	34.20	ng	#	39
17) 2-Methylphenol	6.93	107	471290	43.35	ng		93
18) Hexachloroethane	7.15	117	225743	39.14	ng	#	88
19) n-Nitroso-di-n-propylamine	7.08	70	473209	43.70	ng	#	90
20) 3+4-Methylphenols	7.08	107	616781	47.26	ng		90
22) Acetophenone	7.07	105	830743	45.44	ng	#	95
24) Nitrobenzene	7.24	77	696193	43.30	ng		98
25) Isophorone	7.48	82	1196407	42.65	ng		98
26) 2-Nitrophenol	7.55	139	296506	43.58	ng		98
27) 2,4-Dimethylphenol	7.61	122	471824	41.94	ng		96
28) bis(2-Chloroethoxy)methane	7.70	93	749979	48.94	ng		99
29) 2,4-Dichlorophenol	7.80	162	437946	44.60	ng		94
30) 1,2,4-Trichlorobenzene	7.88	180	489199	44.31	ng		97
31) Naphthalene	7.95	128	1557885	41.02	ng		99
32) Benzoic acid	7.72	122	67916	11.99	ng		96
33) 4-Chloroaniline	8.02	127	220862	13.98	ng		98
34) Hexachlorobutadiene	8.08	225	287905	48.31	ng		99
35) Caprolactam	8.40	113	141092m	45.73	ng		
36) 4-Chloro-3-methylphenol	8.52	107	541287	45.53	ng		94
37) 2-Methylnaphthalene	8.65	142	1092607	44.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	484519	46.80	ng		99
40) Hexachlorocyclopentadiene	8.80	237	342213	84.78	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	306792	45.91	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	288816	41.16	ng	#	92
45) 1,1'-Biphenyl	9.12	154	1308605	44.14	ng		96
46) 2-Chloronaphthalene	9.14	162	1030385	45.77	ng		94
47) 2-Nitroaniline	9.24	65	361190	43.24	ng		99
48) Acenaphthylene	9.54	152	1460528	41.63	ng		100
49) Dimethylphthalate	9.42	163	1561799	58.66	ng		100
50) 2,6-Dinitrotoluene	9.48	165	225477	39.52	ng		99
51) Acenaphthene	9.72	154	904671	41.08	ng		99
52) 3-Nitroaniline	9.65	138	179210	26.49	ng		96
53) 2,4-Dinitrophenol	9.77	184	154013	51.93	ng	#	91
54) Dibenzofuran	9.89	168	1328352	44.81	ng		93
55) 4-Nitrophenol	9.85	139	317895	71.22	ng	#	70
56) 2,4-Dinitrotoluene	9.89	165	344367	47.43	ng		93
57) Fluorene	10.24	166	994780	41.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	261294	47.53	ng		96
59) Diethylphthalate	10.12	149	1186664	43.47	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	483191	43.81	ng	#	88
61) 4-Nitroaniline	10.27	138	234843	34.31	ng		95
62) Azobenzene	10.38	77	1357734	42.25	ng		91
64) 4,6-Dinitro-2-methylphenol	10.30	198	142164	35.84	ng		91
65) n-Nitrosodiphenylamine	10.35	169	927717	45.06	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	294228	43.67	ng	#	68
67) Hexachlorobenzene	10.77	284	308472	41.52	ng	#	90
68) Atrazine	10.89	200	305097	51.37	ng		98
69) Pentachlorophenol	10.98	266	309990	94.20	ng		99
70) Phenanthrene	11.18	178	1421259	41.28	ng		99
71) Anthracene	11.24	178	1563158	42.70	ng		99
72) Carbazole	11.40	167	1397303	42.36	ng		98
73) Di-n-butylphthalate	11.73	149	1668278	40.21	ng		98
74) Fluoranthene	12.36	202	1413965	39.60	ng		100
76) Benzidine	12.50	184	447758	43.59	ng		97
77) Pyrene	12.59	202	1384356	45.97	ng		100
79) Butylbenzylphthalate	13.22	149	656183	45.56	ng		98
80) Benzo(a)anthracene	13.78	228	1150747	44.08	ng		100
81) 3,3'-Dichlorobenzidine	13.75	252	265080	28.90	ng	#	97
82) Chrysene	13.81	228	956267	37.15	ng		98
83) Bis(2-ethylhexyl)phthalate	13.78	149	888120	45.56	ng		99
84) Di-n-octyl phthalate	14.40	149	1335126	41.66	ng		97
85) Indeno(1,2,3-cd)pyrene	16.44	276	1020726	47.79	ng		98
87) Benzo(b)fluoranthene	14.79	252	1014968m	45.48	ng		
88) Benzo(k)fluoranthene	14.81	252	783394m	40.01	ng		
89) Benzo(a)pyrene	15.11	252	877067	45.14	ng		99
90) Dibenzo(a,h)anthracene	16.44	278	837128	49.84	ng		99
91) Benzo(g,h,i)perylene	16.82	276	821397	54.08	ng	#	93

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

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