Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091485.D
Acq On : 7 Dec 2016 22:35
Operator : UM/SJ
Sample : H5869-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MSD

Manual Integrations APPROVED

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12/8/2016 2:05:29 PM

Quant Time: Dec 08 01:11:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 00:35:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	168770	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	646985	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	379634	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	523268	20.00	ng		0.00
75) Chrysene-d12	13.99	240	348233	20.00	ng		0.01
86) Perylene-d12	15.41	264	370607	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1066762	103.26	ng		0.01
7) Phenol-d6	6.48	99	1374790	108.10	ng		0.01
23) Nitrobenzene-d5	7.41	82	937259	81.18	ng		0.01
41) 2,4,6-Tribromophenol	10.66	330	399604	111.19	ng		0.01
44) 2-Fluorobiphenyl	9.20	172	1574841	75.11	ng		0.00
78) Terphenyl-d14	12.94	244	1069095	66.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	114005	24.39	ng	#	80
3) Pyridine	3.20	79	351578	26.58	ng	#	82
4) n-Nitrosodimethylamine	3.16	42	234596	33.81	ng		94
6) Aniline	6.49	93	328564	19.45	ng	#	1
8) 2-Chlorophenol	6.62	128	375119	33.12	ng	#	76
9) Benzaldehyde	6.38	77	100649	12.31	ng		80
10) Phenol	6.49	94	659293	44.06	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	371096	34.71	ng		95
12) 1,3-Dichlorobenzene	6.78	146	451008	35.79	ng		97
13) 1,4-Dichlorobenzene	6.85	146	417071	33.28	ng		94
14) 1,2-Dichlorobenzene	7.01	146	442107	37.87	ng		97
15) Benzyl Alcohol	6.98	79	411362	40.42	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	807935	35.14	ng		72
17) 2-Methylphenol	7.10	107	326589	36.48	ng	#	75
18) Hexachloroethane	7.35	117	174024	39.11	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	306604	38.27	ng	#	94
20) 3+4-Methylphenols	7.25	107	431917	39.51	ng	#	60
22) Acetophenone	7.25	105	578585	37.73	ng	#	81
24) Nitrobenzene	7.42	77	415861	35.18	ng		93
25) Isophorone	7.66	82	781891	38.23	ng		99
26) 2-Nitrophenol	7.74	139	235627	43.74	ng	#	84
27) 2,4-Dimethylphenol	7.78	122	379485	37.66	ng		92
28) bis(2-Chloroethoxy)methane	7.88	93	522240	42.42	ng		100
29) 2,4-Dichlorophenol	7.98	162	325492	36.72	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	371993	37.43	ng		97
31) Naphthalene	8.14	128	1265420	41.15	ng		100
33) 4-Chloroaniline	8.20	127	188607	14.35	ng		97
34) Hexachlorobutadiene	8.26	225	235349	38.51	ng		99
35) Caprolactam	8.56	113	98682m	38.73	ng		
36) 4-Chloro-3-methylphenol	8.68	107	342351	35.77	ng		100
37) 2-Methylnaphthalene	8.84	142	857028	41.03	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	346828	32.41	ng		98
40) Hexachlorocyclopentadiene	8.98	237	247009	49.79	ng		100
42) 2,4,6-Trichlorophenol	9.11	196	245204	35.25	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 00:35:13 2016
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Instrument : BNA_F
ClientSampleId : TP17-18-COMP4MSD

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	250408	35.92	ng	#	92
45) 1,1'-Biphenyl	9.29	154	920839	33.73	ng		98
46) 2-Chloronaphthalene	9.32	162	686729	33.78	ng		97
47) 2-Nitroaniline	9.42	65	288635	39.53	ng		89
48) Acenaphthylene	9.74	152	1135229	35.47	ng		99
49) Dimethylphthalate	9.60	163	892469	38.82	ng		98
50) 2,6-Dinitrotoluene	9.66	165	173427	33.76	ng		98
51) Acenaphthene	9.91	154	774244	35.87	ng		97
52) 3-Nitroaniline	9.82	138	114088	19.18	ng		82
53) 2,4-Dinitrophenol	9.92	184	47236	21.02	ng	#	45
54) Dibenzofuran	10.08	168	1075582	37.22	ng		92
55) 4-Nitrophenol	9.99	139	222984	51.91	ng		93
56) 2,4-Dinitrotoluene	10.06	165	224046	33.62	ng	#	60
57) Fluorene	10.42	166	804470	36.26	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	212832	35.76	ng	#	97
59) Diethylphthalate	10.30	149	794984	35.04	ng		97
60) 4-Chlorophenyl-phenylether	10.41	204	360125	32.36	ng	#	87
61) 4-Nitroaniline	10.44	138	142096	25.45	ng		83
62) Azobenzene	10.57	77	879617	37.99	ng		91
64) 4,6-Dinitro-2-methylphenol	10.47	198	92795	32.19	ng	#	38
65) n-Nitrosodiphenylamine	10.53	169	654345	41.24	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	246336	43.80	ng	#	80
67) Hexachlorobenzene	10.96	284	219866	36.18	ng	#	70
68) Atrazine	11.06	200	226778	44.14	ng		94
69) Pentachlorophenol	11.16	266	234710	65.60	ng		96
70) Phenanthrene	11.38	178	1145717	42.14	ng		99
71) Anthracene	11.43	178	1064238	39.44	ng		99
72) Carbazole	11.58	167	795318	32.48	ng		99
73) Di-n-butylphthalate	11.92	149	1153738	41.57	ng		100
74) Fluoranthene	12.56	202	1082675	42.04	ng		99
76) Benzidine	12.69	184	273010	26.71	ng		97
77) Pyrene	12.79	202	1154271	43.68	ng		99
79) Butylbenzylphthalate	13.41	149	363239	36.71	ng		86
80) Benzo(a)anthracene	13.98	228	871878	42.81	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	170456	23.76	ng	#	95
82) Chrysene	14.01	228	845615	41.97	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	525708	41.91	ng	#	91
84) Di-n-octyl phthalate	14.59	149	858547	45.23	ng		98
85) Indeno(1,2,3-cd)pyrene	16.79	276	760030	41.19	ng	#	92
87) Benzo(b)fluoranthene	15.00	252	1146167m	49.76	ng		
88) Benzo(k)fluoranthene	15.03	252	564806m	29.16	ng		
89) Benzo(a)pyrene	15.35	252	840749m	40.64	ng		
90) Dibenzo(a,h)anthracene	16.81	278	586082m	30.63	ng		
91) Benzo(g,h,i)perylene	17.21	276	617080	31.28	ng	#	94

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

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