Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088912.D
Acq On : 11 Jul 2016 21:22
Operator : UM/SJ
Sample : H3921-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Manual Integrations
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7/12/2016 7:35:58 PM

Quant Time: Jul 12 03:12:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	67332	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	280233	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	115145	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	183520	20.00	ng		0.00
75) Chrysene-d12	13.84	240	133112	20.00	ng		-0.01
86) Perylene-d12	15.21	264	117242	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	517172	115.11	ng		0.02
7) Phenol-d6	6.35	99	608178	104.77	ng		0.00
23) Nitrobenzene-d5	7.28	82	409705	76.62	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	115299	107.83	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	597004	81.90	ng		0.00
78) Terphenyl-d14	12.80	244	427183	71.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	227	0.10	ng	#	87
6) Aniline	6.48	93	501	0.06	ng	#	1
9) Benzaldehyde	6.35	77	846	0.22	ng	#	1
10) Phenol	6.36	94	5714	0.86	ng	#	1
11) bis(2-Chloroethyl)ether	6.48	93	501	0.10	ng	#	1
15) Benzyl Alcohol	6.87	79	7332	1.72	ng	#	44
17) 2-Methylphenol	6.86	107	274	0.07	ng	#	1
22) Acetophenone	7.12	105	364	0.05	ng	#	57
24) Nitrobenzene	7.28	77	1254	0.23	ng	#	28
27) 2,4-Dimethylphenol	7.72	122	5589	1.21	ng	#	7
31) Naphthalene	8.02	128	2099	0.15	ng	#	68
32) Benzoic acid	7.72	122	5589	1.67	ng		98
37) 2-Methylnaphthalene	8.71	142	1034	0.12	ng	#	85
45) 1,1'-Biphenyl	9.07	154	887	0.09	ng	#	1
47) 2-Nitroaniline	9.46	65	1027	0.39	ng	#	1
48) Acenaphthylene	9.60	152	4334	0.36	ng		98
49) Dimethylphthalate	9.47	163	94349	11.50	ng		98
50) 2,6-Dinitrotoluene	9.47	165	993	0.55	ng	#	16
51) Acenaphthene	9.77	154	1312	0.18	ng		96
54) Dibenzofuran	9.94	168	1074	0.11	ng	#	77
55) 4-Nitrophenol	9.94	139	265	0.15	ng	#	5
57) Fluorene	10.28	166	1334	0.18	ng	#	93
62) Azobenzene	10.52	77	590	0.06	ng	#	10
65) n-Nitrosodiphenylamine	10.52	169	4062	0.65	ng	#	41
70) Phenanthrene	11.24	178	23845	2.38	ng		99
71) Anthracene	11.29	178	7172	0.72	ng		98
72) Carbazole	11.45	167	2796	0.30	ng		97
73) Di-n-butylphthalate	11.79	149	2767	0.25	ng	#	90
74) Fluoranthene	12.42	202	52608	5.17	ng		99
76) Benzidine	12.69	184	929	0.14	ng	#	1
77) Pyrene	12.65	202	52662	4.67	ng		97
79) Butylbenzylphthalate	13.28	149	1563	0.31	ng	#	61
80) Benzo(a)anthracene	13.83	228	30610	3.57	ng		93
81) 3,3'-Dichlorobenzidine	13.89	252	264	0.08	ng	#	37

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
82) Chrysene	13.86	228	23042m	2.72	ng		
83) Bis(2-ethylhexyl)phthalate	13.84	149	15174	2.64	ng	#	98
84) Di-n-octyl phthalate	14.49	149	9592	0.98	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.49	276	14280	2.19	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	31394m	4.27	ng		
88) Benzo(k)fluoranthene	14.85	252	14067m	2.20	ng		
89) Benzo(a)pyrene	15.15	252	21331m	3.43	ng		
90) Dibenzo(a,h)anthracene	16.50	278	4317	0.83	ng	#	80
91) Benzo(g,h,i)perylene	16.88	276	12809	2.38	ng		96

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

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