Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116010.D
Acq On : 6 Aug 2019 13:55
Operator : HP/JU
Sample : K4135-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 07 03:23:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
1S-A1-A4-COMP-(0-1)

Manual Integrations APPROVED
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8/7/2019 4:41:47 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130437	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	506428	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	263155	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	422559	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	266891	20.00	ng	-0.02
87) Perylene-d12	15.47	264	345329	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	768198	98.59	ng	0.00
7) Phenol-d6	6.47	99	1015345	103.28	ng	-0.01
23) Nitrobenzene-d5	7.40	82	653774	74.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	254222	99.64	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1114499	79.33	ng	-0.02
79) Terphenyl-d14	12.95	244	896148	70.75	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	120	0.030	ng	# 25
6) Aniline	6.62	93	1103	0.078	ng	# 1
9) Benzaldehyde	6.47	77	1732	0.255	ng	# 1
10) Phenol	6.49	94	9277	0.801	ng	# 37
11) bis(2-Chloroethyl)ether	6.62	93	1103	0.130	ng	# 1
15) Benzyl Alcohol	7.00	79	10521	1.410	ng	# 46
24) Nitrobenzene	7.40	77	2000	0.211	ng	# 37
31) Naphthalene	8.15	128	2971	0.125	ng	95
33) 4-Chloroaniline	8.15	127	117	0.011	ng	# 13
37) 2-Methylnaphthalene	8.94	142	628	0.040	ng	95
38) 1-Methylnaphthalene	8.94	142	628	0.042	ng	# 92
46) 1,1'-Biphenyl	9.30	154	2258	0.122	ng	95
47) 2-Chloronaphthalene	9.59	162	339	0.022	ng	# 1
48) 2-Nitroaniline	9.59	65	1079	0.211	ng	# 1
49) Acenaphthylene	9.74	152	831	0.037	ng	# 63
50) Dimethylphthalate	9.59	163	101853	5.684	ng	100
51) 2,6-Dinitrotoluene	9.59	165	1196	0.307	ng	# 1
52) Acenaphthene	9.91	154	11112	0.803	ng	99
53) 3-Nitroaniline	9.83	138	111	0.023	ng	# 4
55) Dibenzofuran	10.09	168	6736	0.335	ng	# 97
56) 4-Nitrophenol	10.09	139	3003	0.974	ng	# 53
57) 2,4-Dinitrotoluene	10.22	165	1460	0.282	ng	# 23
58) Fluorene	10.43	166	10663	0.689	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.35	232	114	0.027	ng	# 1
60) Diethylphthalate	10.29	149	4764	0.285	ng	# 80
61) 4-Chlorophenyl-phenylether	10.39	204	111	0.014	ng	# 37
62) 4-Nitroaniline	10.33	138	2108	0.424	ng	91
63) Azobenzene	10.57	77	340	0.020	ng	# 47
65) 4,6-Dinitro-2-methylphenol	10.66	198	563	0.251	ng	# 1
66) n-Nitrosodiphenylamine	10.53	169	2177	0.171	ng	# 77
67) 4-Bromophenyl-phenylether	10.90	248	593	0.131	ng	# 1
69) Atrazine	11.06	200	115	0.027	ng	# 1
71) Phenanthrene	11.39	178	201208	9.314	ng	98
72) Anthracene	11.44	178	63978m	2.926	ng	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Carbazole	11.60	167	13413	0.676	ng	#	52
74) Di-n-butylphthalate	11.91	149	11145	0.482	ng	#	28
75) Fluoranthene	12.58	202	335664	14.842	ng		97
77) Benzidine	12.73	184	1671	0.185	ng	#	1
78) Pyrene	12.81	202	310280m	15.423	ng		
80) Butylbenzylphthalate	13.53	149	1402	0.165	ng	#	39
81) Benzo(a)anthracene	14.00	228	157343	9.224	ng		96
82) 3,3'-Dichlorobenzidine	13.95	252	309	0.052	ng	#	20
83) Chrysene	14.03	228	130785	7.897	ng		97
84) Bis(2-ethylhexyl)phthalate	13.97	149	5705	0.516	ng	#	71
86) Indeno(1,2,3-cd)pyrene	16.93	276	93721	6.738	ng		95
88) Benzo(b)fluoranthene	15.04	252	191420m	9.587	ng		
89) Benzo(k)fluoranthene	15.07	252	59682m	3.069	ng		
90) Benzo(a)pyrene	15.41	252	138193	7.742	ng		98
91) Dibenzo(a,h)anthracene	16.93	278	22127	1.432	ng	#	77
92) Benzo(g,h,i)perylene	17.37	276	89102	5.872	ng		99

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

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