

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116009.D
 Acq On : 6 Aug 2019 13:29
 Operator : HP/JU
 Sample : K4135-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(0-1)

Manual Integrations
 APPROVED

mohammad
 8/7/2019 4:41:44 PM

Quant Time: Aug 07 02:24:59 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	122701	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	472880	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	249204	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	440875	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	303077	20.00	ng	-0.02
87) Perylene-d12	15.46	264	328287	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	817799	111.58	ng	0.00
7) Phenol-d6	6.47	99	1072809	116.01	ng	-0.01
23) Nitrobenzene-d5	7.40	82	673326	82.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	261449	108.21	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1150538	86.48	ng	-0.02
79) Terphenyl-d14	12.94	244	1212479	84.30	ng	-0.02

Target Compounds

						Qvalue
6) Aniline	6.49	93	176	0.013	ng	# 1
8) 2-Chlorophenol	6.63	128	107	0.013	ng	# 1
9) Benzaldehyde	6.47	77	1602	0.251	ng	# 1
10) Phenol	6.49	94	12982	1.192	ng	# 52
11) bis(2-Chloroethyl)ether	6.62	93	1209	0.151	ng	# 1
15) Benzyl Alcohol	7.00	79	11572	1.649	ng	# 46
22) Acetophenone	7.27	105	506	0.049	ng	# 36
24) Nitrobenzene	7.40	77	2246	0.254	ng	# 35
31) Naphthalene	8.15	128	3126	0.140	ng	# 97
33) 4-Chloroaniline	8.15	127	258	0.026	ng	# 21
38) 1-Methylnaphthalene	8.93	142	1857	0.134	ng	# 99
46) 1,1'-Biphenyl	9.30	154	3132	0.178	ng	# 96
47) 2-Chloronaphthalene	9.59	162	293	0.020	ng	# 1
48) 2-Nitroaniline	9.59	65	873	0.180	ng	# 1
49) Acenaphthylene	9.74	152	752	0.035	ng	# 68
50) Dimethylphthalate	9.59	163	90608	5.340	ng	100
52) Acenaphthene	9.91	154	36267	2.767	ng	99
53) 3-Nitroaniline	10.09	138	110	0.024	ng	# 4
55) Dibenzofuran	10.09	168	21132	1.109	ng	95
58) Fluorene	10.42	166	33760	2.302	ng	96
60) Diethylphthalate	10.29	149	6043	0.381	ng	99
62) 4-Nitroaniline	10.42	138	137	0.029	ng	# 17
63) Azobenzene	10.58	77	1383	0.085	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.66	198	593	0.254	ng	# 1
71) Phenanthrene	11.39	178	604387	26.816	ng	99
72) Anthracene	11.44	178	165290	7.246	ng	99
73) Carbazole	11.59	167	44844	2.167	ng	99
74) Di-n-butylphthalate	11.92	149	7467	0.309	ng	# 90
75) Fluoranthene	12.57	202	881957	37.378	ng	97
77) Benzidine	12.94	184	16437	1.605	ng	96
78) Pyrene	12.80	202	743436	32.541	ng	98
80) Butylbenzylphthalate	13.41	149	1280	0.132	ng	# 1
81) Benzo(a)anthracene	13.99	228	369622	19.081	ng	99
82) 3,3'-Dichlorobenzidine	14.03	252	2513	0.373	ng	# 1

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83) Chrysene	14.03	228	290218	15.432	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	6847	0.545	nq #	95
86) Indeno(1,2,3-cd)pyrene	16.93	276	154953	9.810	nq	96
88) Benzo(b)fluoranthene	15.04	252	336096m	17.706	nq	
89) Benzo(k)fluoranthene	15.06	252	121506m	6.572	nq	
90) Benzo(a)pyrene	15.40	252	243757	14.365	nq	98
91) Dibenzo(a,h)anthracene	16.93	278	40602m	2.764	nq	
92) Benzo(a,h,i)perylene	17.37	276	142100	9.851	nq	99

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

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