

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116011.D
 Acq On : 6 Aug 2019 14:22
 Operator : HP/JU
 Sample : K4135-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-A1-A4-COMP-(30)

Manual Integrations
 APPROVED

mohammad
 8/7/2019 4:41:50 PM

Quant Time: Aug 07 03:32:14 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	125912	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	486694	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	256720	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	440724	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	291640	20.00	ng	-0.02
87) Perylene-d12	15.46	264	339933	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	706380	93.92	ng	0.00
7) Phenol-d6	6.47	99	927373	97.73	ng	-0.01
23) Nitrobenzene-d5	7.40	82	590809	70.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	210676	84.64	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1009426	73.65	ng	-0.02
79) Terphenyl-d14	12.94	244	1020486	73.73	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	336	0.088	ng	# 1
4) n-Nitrosodimethylamine	3.33	42	108	0.026	ng	# 1
6) Aniline	6.49	93	170	0.013	ng	# 1
9) Benzaldehyde	6.47	77	1476	0.225	ng	# 1
10) Phenol	6.49	94	13837	1.238	ng	# 66
11) bis(2-Chloroethyl)ether	6.62	93	983	0.120	ng	# 1
15) Benzyl Alcohol	7.00	79	10106	1.403	ng	# 49
24) Nitrobenzene	7.40	77	1640	0.180	ng	# 36
31) Naphthalene	8.15	128	3103	0.135	ng	# 95
33) 4-Chloroaniline	8.15	127	248	0.024	ng	# 33
37) 2-Methylnaphthalene	8.94	142	1194	0.079	ng	# 98
38) 1-Methylnaphthalene	8.94	142	1194	0.084	ng	# 99
46) 1,1'-Biphenyl	9.30	154	2382	0.131	ng	# 91
47) 2-Chloronaphthalene	9.59	162	458	0.030	ng	# 1
48) 2-Nitroaniline	9.59	65	789	0.158	ng	# 1
49) Acenaphthylene	9.74	152	658	0.030	ng	# 59
50) Dimethylphthalate	9.59	163	96336	5.511	ng	# 99
52) Acenaphthene	9.91	154	25371	1.879	ng	# 96
55) Dibenzofuran	10.09	168	14668	0.747	ng	# 99
56) 4-Nitrophenol	10.09	139	5871	1.953	ng	# 8
58) Fluorene	10.43	166	25571	1.693	ng	# 97
60) Diethylphthalate	10.29	149	3297	0.202	ng	# 97
63) Azobenzene	10.58	77	835	0.050	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.66	198	199	0.085	ng	# 1
66) n-Nitrosodiphenylamine	10.53	169	1767	0.133	ng	# 58
71) Phenanthrene	11.39	178	426097	18.912	ng	# 99
72) Anthracene	11.44	178	126759	5.559	ng	# 98
73) Carbazole	11.60	167	30020	1.451	ng	# 98
74) Di-n-butylphthalate	11.92	149	5283	0.219	ng	# 88
75) Fluoranthene	12.57	202	620635	26.312	ng	# 98
77) Benzidine	12.94	184	13896	1.410	ng	# 97
78) Pyrene	12.80	202	529743	24.096	ng	# 99
80) Butylbenzylphthalate	13.41	149	888	0.095	ng	# 72
81) Benzo(a)anthracene	13.99	228	260070	13.952	ng	# 99

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82) 3,3'-Dichlorobenzidine	14.00	252	112	0.017	nq	#	1
83) Chrysene	14.03	228	199849	11.043	nq		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	3204	0.265	nq	#	89
85) Di-n-octyl phthalate	14.59	149	280	0.015	nq	#	78
86) Indeno(1,2,3-cd)pyrene	16.93	276	125823	8.278	nq		94
88) Benzo(b)fluoranthene	15.04	252	259156m	13.185	nq		
89) Benzo(k)fluoranthene	15.06	252	87448m	4.568	nq		
90) Benzo(a)pyrene	15.40	252	194989	11.098	nq		100
92) Benzo(a,h,i)perylene	17.37	276	115329	7.721	nq		99

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

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