

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116012.D
 Acq On : 6 Aug 2019 14:49
 Operator : HP/JU
 Sample : K4135-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-B1-B4-COMP-(30)

Manual Integrations
 APPROVED

mohammad
 8/7/2019 4:41:55 PM

Quant Time: Aug 07 03:41:05 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	130240	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	497539	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	260865	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	456156	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	299886	20.00	ng	-0.02
87) Perylene-d12	15.46	264	357070	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	935389	120.23	ng	0.00
7) Phenol-d6	6.48	99	1223868	124.68	ng	0.00
23) Nitrobenzene-d5	7.40	82	807150	93.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	311144	123.02	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1312359	94.23	ng	-0.02
79) Terphenyl-d14	12.95	244	1387928	97.52	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.49	93	278	0.020	ng	# 1
8) 2-Chlorophenol	6.63	128	246	0.029	ng	# 1
9) Benzaldehyde	6.48	77	1950	0.288	ng	# 1
10) Phenol	6.49	94	17553	1.519	ng	# 7
11) bis(2-Chloroethyl)ether	6.62	93	1429	0.168	ng	# 1
15) Benzyl Alcohol	7.00	79	13066	1.754	ng	# 48
22) Acetophenone	7.27	105	1052	0.096	ng	# 70
24) Nitrobenzene	7.40	77	2290	0.246	ng	# 32
31) Naphthalene	8.15	128	4335	0.185	ng	# 95
33) 4-Chloroaniline	8.15	127	459	0.044	ng	# 36
37) 2-Methylnaphthalene	8.84	142	3200	0.208	ng	# 98
38) 1-Methylnaphthalene	8.93	142	2846	0.195	ng	# 97
46) 1,1'-Biphenyl	9.30	154	4563	0.248	ng	# 97
47) 2-Chloronaphthalene	9.59	162	502	0.033	ng	# 1
48) 2-Nitroaniline	9.59	65	1258	0.248	ng	# 1
49) Acenaphthylene	9.74	152	1109	0.050	ng	# 63
50) Dimethylphthalate	9.59	163	129157	7.272	ng	# 99
51) 2,6-Dinitrotoluene	9.59	165	1251	0.324	ng	# 1
52) Acenaphthene	9.90	154	54689	3.986	ng	# 99
53) 3-Nitroaniline	10.08	138	495	0.104	ng	# 4
55) Dibenzofuran	10.08	168	36451	1.827	ng	# 96
58) Fluorene	10.42	166	53760	3.502	ng	# 97
60) Diethylphthalate	10.29	149	2956	0.178	ng	# 95
62) 4-Nitroaniline	10.42	138	349	0.071	ng	# 17
63) Azobenzene	10.58	77	1953	0.115	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.67	198	728	0.301	ng	# 1
66) n-Nitrosodiphenylamine	10.53	169	3221	0.235	ng	# 55
71) Phenanthrene	11.39	178	857757	36.783	ng	# 99
72) Anthracene	11.44	178	245644	10.408	ng	# 99
73) Carbazole	11.59	167	61530	2.874	ng	# 98
74) Di-n-butylphthalate	11.92	149	5322	0.213	ng	# 59
75) Fluoranthene	12.58	202	1131734	46.357	ng	# 97
77) Benzidine	12.95	184	19386	1.913	ng	# 96
78) Pyrene	12.81	202	945473	41.824	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	13.99	228	483102	25.204	nq	99
82) 3,3'-Dichlorobenzidine	14.03	252	3191	0.479	nq #	1
83) Chrysene	14.03	228	385659	20.725	nq	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	8127	0.654	nq	98
85) Di-n-octyl phthalate	14.58	149	513	0.026	nq #	78
86) Indeno(1,2,3-cd)pyrene	16.93	276	219837	14.066	nq	95
88) Benzo(b)fluoranthene	15.04	252	474499m	22.982	nq	
89) Benzo(k)fluoranthene	15.06	252	171599m	8.533	nq	
90) Benzo(a)pyrene	15.40	252	349508	18.937	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	56795m	3.555	nq	
92) Benzo(a,h,i)perylene	17.37	276	196719	12.538	nq	100

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

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