

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
 Data File : BP000374.D
 Acq On : 23 Sep 2019 20:41
 Operator : HP/JU
 Sample : K4997-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-08-091919

Manual Integrations
 APPROVED

mohammad
 9/24/2019 2:38:49 PM

Quant Time: Sep 24 04:53:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	194650	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	710527	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	392852	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	708037	20.00	ng	0.00
76) Chrysene-d12	14.00	240	577057	20.00	ng	0.00
87) Perylene-d12	15.48	264	708741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	985861	87.44	ng	0.02
7) Phenol-d6	6.43	99	1261543	91.28	ng	0.01
23) Nitrobenzene-d5	7.35	82	724138	65.76	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	424715	109.00	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1630091	74.68	ng	0.00
79) Terphenyl-d14	12.93	244	1872643	68.08	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.79	142	45010	2.001	ng	99
38) 1-Methylnaphthalene	8.89	142	59195m	2.809	ng	
49) Acenaphthylene	9.69	152	539501	15.743	ng	99
50) Dimethylphthalate	9.55	163	233897	8.739	ng	98
58) Fluorene	10.38	166	103807	4.396	ng	97
71) Phenanthrene	11.35	178	1497898	42.216	ng	100
72) Anthracene	11.40	178	387357	10.606	ng	98
75) Fluoranthene	12.56	202	1921128	50.424	ng	95
78) Pyrene	12.79	202	2443125	56.589	ng	99
81) Benzo(a)anthracene	13.99	228	1053342m	28.897	ng	
83) Chrysene	14.02	228	1190962	33.277	ng	97
86) Indeno(1,2,3-cd)pyrene	16.97	276	685767	15.720	ng	# 91
88) Benzo(b)fluoranthene	15.05	252	1237852m	29.277	ng	
89) Benzo(k)fluoranthene	15.07	252	367709m	9.970	ng	
90) Benzo(a)pyrene	15.42	252	988012m	25.681	ng	
91) Dibenzo(a,h)anthracene	16.98	278	180353	5.028	ng	# 90
92) Benzo(a,h,i)perylene	17.42	276	748693	20.307	ng	95

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

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