

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022447.D
 Acq On : 30 Aug 2019 18:54
 Operator : HP/JU
 Sample : K4594-01DL 100X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S704A-N-0.0-0.5-082819DL

Manual Integrations
 APPROVED

mohammad
 8/31/2019 2:43:58 PM

Quant Time: Aug 30 19:42:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 16:51:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16619	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	58572	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	36623	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	87216m	20.00	ng	0.00
76) Chrysene-d12	21.16	240	129723	20.00	ng	-0.01
87) Perylene-d12	23.35	264	165617	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	505	0.53	ng	0.02
7) Phenol-d6	6.77	99	116	0.09	ng	0.05
23) Nitrobenzene-d5	8.73	82	114	0.09	ng	0.03
42) 2,4,6-Tribromophenol	15.72	330	257	0.34	ng	0.02
45) 2-Fluorobiphenyl	12.80	172	1086	0.34	ng	0.01
79) Terphenyl-d14	19.59	244	27565	2.80	ng	-0.01
Target Compounds						
52) Acenaphthene	14.25	154	5267	2.449	ng	Qvalue 89
58) Fluorene	15.25	166	7272	2.247	ng	89
71) Phenanthrene	16.99	178	134229	26.403	ng	98
72) Anthracene	17.09	178	34154	6.828	ng	97
73) Carbazole	17.38	167	15145	3.663	ng	98
75) Fluoranthene	19.02	202	318482	47.042	ng	100
78) Pyrene	19.39	202	254321	28.767	ng	99
81) Benzo(a)anthracene	21.15	228	155551	16.706	ng	99
83) Chrysene	21.20	228	146989m	16.586	ng	
86) Indeno(1,2,3-cd)pyrene	25.53	276	97883	10.980	ng	99
88) Benzo(b)fluoranthene	22.70	252	200842	17.456	ng	# 99
89) Benzo(k)fluoranthene	22.74	252	66440m	5.821	ng	
90) Benzo(a)pyrene	23.26	252	139613	13.671	ng	# 96
91) Dibenzo(a,h)anthracene	25.53	278	24739	2.429	ng	# 86
92) Benzo(a,h,i)perylene	26.20	276	100309	11.302	ng	97

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

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