

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022445.D
 Acq On : 30 Aug 2019 17:40
 Operator : HP/JU
 Sample : K4594-01DL 100X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 8/31/2019 2:43:54 PM

Quant Time: Aug 30 18:34:42 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	12687	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	45417	20.00	ng	-0.01
39) Acenaphthene-d10	14.18	164	27861	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	69987	20.00	ng	0.00
76) Chrysene-d12	21.16	240	102409	20.00	ng	-0.01
87) Perylene-d12	23.35	264	127463	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	461	0.64	ng	0.01
7) Phenol-d6	6.74	99	762	0.79	ng	0.02
23) Nitrobenzene-d5	8.71	82	388	0.37	ng	0.01
42) 2,4,6-Tribromophenol	15.70	330	590	1.03	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	3250	1.32	ng	-0.01
79) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds				Qvalue		
52) Acenaphthene	14.24	154	4093	2.502	ng	98
58) Fluorene	15.24	166	7146	2.902	ng	98
71) Phenanthrene	16.99	178	115419	28.292	ng	98
72) Anthracene	17.09	178	35079	8.740	ng	98
73) Carbazole	17.38	167	19081	5.751	ng	# 94
75) Fluoranthene	19.02	202	286544	52.744	ng	98
78) Pyrene	19.39	202	206333	29.564	ng	100
81) Benzo(a)anthracene	21.15	228	136704	18.598	ng	99
83) Chrysene	21.20	228	122080	17.449	ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	10068	3.044	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.53	276	80831	11.486	ng	99
88) Benzo(b)fluoranthene	22.70	252	161760	18.268	ng	# 97
89) Benzo(k)fluoranthene	22.74	252	51098m	5.817	ng	
90) Benzo(a)pyrene	23.26	252	133612	17.000	ng	# 92
91) Dibenzo(a,h)anthracene	25.53	278	19489	2.487	ng	# 90
92) Benzo(g,h,i)perylene	26.20	276	80808	11.830	ng	97

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

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