

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000308.D
 Acq On : 18 Sep 2019 19:38
 Operator : HP/JU
 Sample : K4878-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CSA-2-6

Manual Integrations
 APPROVED

Jagrut
 9/19/2019 11:07:14 AM

Quant Time: Sep 19 04:43:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	255717	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	963450	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	526787	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	928408	20.00	ng	0.00
76) Chrysene-d12	14.00	240	706323	20.00	ng	0.00
87) Perylene-d12	15.49	264	751217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	272820	18.42	ng	0.00
7) Phenol-d6	6.42	99	352874	19.43	ng	0.00
23) Nitrobenzene-d5	7.35	82	185001	12.39	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	99007	18.95	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	469440	16.04	ng	0.00
79) Terphenyl-d14	12.93	244	494043	14.67	ng	0.00
Target Compounds						
52) Acenaphthene	9.86	154	69709	2.404	ng	Qvalue 100
58) Fluorene	10.38	166	91691	2.896	ng	99
71) Phenanthrene	11.35	178	1351608	29.051	ng	99
72) Anthracene	11.40	178	466379	9.739	ng	98
73) Carbazole	11.55	167	115494	2.678	ng	98
75) Fluoranthene	12.55	202	2657112	53.187	ng	97
78) Pyrene	12.79	202	2382527	45.085	ng	100
81) Benzo(a)anthracene	13.99	228	1450706	32.515	ng	98
83) Chrysene	14.02	228	1082428	24.709	ng	97
86) Indeno(1,2,3-cd)pyrene	16.99	276	595776	11.157	ng	# 91
88) Benzo(b)fluoranthene	15.06	252	1608886m	35.901	ng	
89) Benzo(k)fluoranthene	15.08	252	422913m	10.818	ng	
90) Benzo(a)pyrene	15.43	252	1062600	26.058	ng	97
91) Dibenzo(a,h)anthracene	17.00	278	154796	4.072	ng	# 80
92) Benzo(a,h,i)perylene	17.44	276	523014	13.384	ng	95

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

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