

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022461.D
 Acq On : 31 Aug 2019 03:26
 Operator : HP/JU
 Sample : K4439-03 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-2-(1-3)

Manual Integrations
 APPROVED

mohammad
 8/31/2019 2:44:09 PM

Quant Time: Aug 31 05:57:04 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	22568	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	80134	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	50423	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	122152	20.00	ng	0.00
76) Chrysene-d12	21.17	240	207865	20.00	ng	0.00
87) Perylene-d12	23.36	264	257433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	56516	43.96	ng	0.00
7) Phenol-d6	6.72	99	69803	40.60	ng	0.00
23) Nitrobenzene-d5	8.69	82	48857	26.70	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	34912	33.84	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	102492	23.03	ng	0.00
79) Terphenyl-d14	19.59	244	249601	15.85	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.66	163	11247	2.565	ng	99
52) Acenaphthene	14.25	154	6026	2.035	ng	93
71) Phenanthrene	16.99	178	182042	25.567	ng	99
72) Anthracene	17.09	178	36619	5.227	ng	99
75) Fluoranthene	19.02	202	550546	58.062	ng	98
78) Pyrene	19.39	202	568841	40.155	ng	100
81) Benzo(a)anthracene	21.15	228	371198	24.880	ng	99
83) Chrysene	21.20	228	333714	23.499	ng	98
86) Indeno(1,2,3-cd)pyrene	25.54	276	219759	15.385	ng	98
88) Benzo(b)fluoranthene	22.71	252	453374m	25.351	ng	
89) Benzo(k)fluoranthene	22.74	252	153966m	8.678	ng	
90) Benzo(a)pyrene	23.26	252	349659	22.027	ng	99
91) Dibenzo(a,h)anthracene	25.54	278	59031	3.729	ng	# 86
92) Benzo(a,h,i)perylene	26.22	276	218357	15.828	ng	97

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

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