

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116058.D
 Acq On : 7 Aug 2019 20:41
 Operator : HP/JU
 Sample : K4178-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 370-371

Manual Integrations
 APPROVED

mohammad
 8/8/2019 4:47:04 PM

Quant Time: Aug 08 08:26:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132818	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	499391	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	232938	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	329281	20.00	ng	0.00
76) Chrysene-d12	14.01	240	283587	20.00	ng	0.00
87) Perylene-d12	15.48	264	296112	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	339675	42.81	ng	0.00
7) Phenol-d6	6.47	99	438502	43.81	ng	-0.01
23) Nitrobenzene-d5	7.40	82	260235	30.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	74957	33.19	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	507629	40.82	ng	0.00
79) Terphenyl-d14	12.94	244	416252	30.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Acenaphthylene	9.74	152	219712	11.003	ng	98
50) Dimethylphthalate	9.59	163	80936	5.103	ng	# 96
58) Fluorene	10.43	166	31542	2.301	ng	# 86
71) Phenanthrene	11.39	178	447820	26.603	ng	99
72) Anthracene	11.44	178	237006	13.912	ng	99
75) Fluoranthene	12.58	202	749856	42.550	ng	96
78) Pyrene	12.82	202	1612586	75.435	ng	98
81) Benzo(a)anthracene	14.00	228	663439	36.602	ng	92
83) Chrysene	14.04	228	633113	35.978	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	238906	16.164	ng	96
88) Benzo(b)fluoranthene	15.06	252	520756m	30.415	ng	
89) Benzo(k)fluoranthene	15.07	252	173452m	10.401	ng	
90) Benzo(a)pyrene	15.42	252	543150	35.488	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	73434	5.543	ng	# 76
92) Benzo(a,h,i)perylene	17.40	276	378687	29.105	ng	97

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

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