

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116972.D
 Acq On : 12 Sep 2019 2:54
 Operator : HP/JU
 Sample : K4814-03 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Manual Integrations
 APPROVED

mohammad
 9/16/2019 8:58:24 AM

Quant Time: Sep 19 06:47:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	63712	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	272265	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	147846	20.00	ng	-0.02
64) Phenanthrene-d10	11.34	188	250242	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	164609	20.00	ng	-0.01
87) Perylene-d12	15.42	264	178789	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	179907	45.75	ng	-0.02
7) Phenol-d6	6.45	99	250847	48.58	ng	-0.02
23) Nitrobenzene-d5	7.38	82	154760	32.45	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	55478	56.13	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	280588	32.01	ng	-0.02
79) Terphenyl-d14	12.92	244	271922	30.56	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Acenaphthylene	9.72	152	32289	2.404	ng	96
50) Dimethylphthalate	9.56	163	52838	5.177	ng	99
71) Phenanthrene	11.36	178	735281	52.784	ng	99
72) Anthracene	11.41	178	87803	6.262	ng	99
75) Fluoranthene	12.56	202	995029	72.684	ng	99
78) Pyrene	12.78	202	869723	59.437	ng	97
81) Benzo(a)anthracene	13.96	228	364488	34.986	ng	98
83) Chrysene	14.00	228	313904	29.246	ng	97
86) Indeno(1,2,3-cd)pyrene	16.85	276	143058	16.594	ng	96
88) Benzo(b)fluoranthene	15.00	252	359633m	33.271	ng	
89) Benzo(k)fluoranthene	15.03	252	95520m	9.692	ng	
90) Benzo(a)pyrene	15.36	252	212745	22.622	ng	97
91) Dibenzo(a,h)anthracene	16.85	278	35546m	4.318	ng	
92) Benzo(g,h,i)perylene	17.29	276	121272	14.445	ng	97

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

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