

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136705.D
 Acq On : 23 Dec 2023 01:41
 Operator : CG\JU
 Sample : 05940-05 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-04-122023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 23 03:44:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	57597	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	182466	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	74646	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	143135	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	131414	20.000	ng	0.00
86) Perylene-d12	15.439	264	90754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	77922	21.109	ng	0.00
7) Phenol-d6	6.428	99	92327	19.302	ng	-0.01
23) Nitrobenzene-d5	7.339	82	51639	14.482	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	17523	19.932	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	90172	16.247	ng	-0.02
79) Terphenyl-d14	12.898	244	109813	11.678	ng	-0.02
Target Compounds						Qvalue
58) Fluorene	10.363	166	15147	2.791	ng	99
71) Phenanthrene	11.333	178	136076	18.528	ng	99
72) Anthracene	11.380	178	39667	5.333	ng	98
75) Fluoranthene	12.527	202	230698	29.366	ng	99
78) Pyrene	12.757	202	204172	15.827	ng	99
81) Benzo(a)anthracene	13.951	228	89741	9.834	ng	99
83) Chrysene	13.986	228	70495	7.900	ng	96
87) Indeno(1,2,3-cd)pyrene	16.933	276	24451	3.732	ng	99
88) Benzo(b)fluoranthene	15.009	252	64748m	10.682	ng	
89) Benzo(k)fluoranthene	15.033	252	18598m	3.247	ng	
90) Benzo(a)pyrene	15.374	252	43648	8.531	ng	# 94
92) Benzo(g,h,i)perylene	17.392	276	22604	4.105	ng	96

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

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