

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136312.D
 Acq On : 30 Nov 2023 14:20
 Operator : CG\JU
 Sample : 05253-03DL2 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L-3(120FT)(0-5)DL2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 30 14:37:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	116757	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	466741	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	211852	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	310001	20.000	ng	0.00
76) Chrysene-d12	13.980	240	237600	20.000	ng	-0.01
86) Perylene-d12	15.468	264	264609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	14618	1.743	ng	-0.01
7) Phenol-d6	6.428	99	20008	1.908	ng	-0.02
23) Nitrobenzene-d5	7.357	82	12770	1.446	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	3569	1.378	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	27784	1.675	ng	-0.01
79) Terphenyl-d14	12.921	244	22725	1.103	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.104	128	269695	10.280	ng	97
37) 2-Methylnaphthalene	8.792	142	145210	8.824	ng	94
38) 1-Methylnaphthalene	8.892	142	214866	13.384	ng	93
46) 1,1'-Biphenyl	9.257	154	47666	2.551	ng	95
49) Acenaphthylene	9.698	152	79266	3.828	ng	# 93
52) Acenaphthene	9.869	154	35577	2.719	ng	86
58) Fluorene	10.386	166	106207	6.955	ng	92
71) Phenanthrene	11.351	178	453675	26.038	ng	98
72) Anthracene	11.404	178	65754	3.763	ng	98
75) Fluoranthene	12.545	202	189843	10.733	ng	91
78) Pyrene	12.774	202	327298	12.578	ng	95
81) Benzo(a)anthracene	13.968	228	128304	7.270	ng	# 88
83) Chrysene	14.004	228	135182m	7.933	ng	
87) Indeno(1,2,3-cd)pyrene	16.957	276	36058	4.400	ng	98
88) Benzo(b)fluoranthene	15.027	252	104110m	5.608	ng	
89) Benzo(k)fluoranthene	15.045	252	36194m	2.053	ng	
90) Benzo(a)pyrene	15.398	252	112620	7.421	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	14007m	3.546	ng	
92) Benzo(g,h,i)perylene	17.415	276	39815	4.301	ng	97

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

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