

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136815.D
 Acq On : 29 Dec 2023 02:26
 Operator : CG\JU
 Sample : 06035-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-5-122723

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

Quant Time: Dec 29 02:59:30 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	49977	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	151241	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	67671	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	148935	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	116960	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	83728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	72339	22.584	ng	0.00
7) Phenol-d6	6.428	99	76552	18.444	ng	-0.01
23) Nitrobenzene-d5	7.339	82	43663	14.773	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	18536	23.258	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	81560	16.210	ng	-0.02
79) Terphenyl-d14	12.904	244	122799	14.672	ng	-0.01
Target Compounds						Qvalue
52) Acenaphthene	9.845	154	13145	3.214	ng	95
55) Dibenzofuran	10.022	168	15333	2.473	ng	99
58) Fluorene	10.363	166	22875	4.650	ng	90
71) Phenanthrene	11.333	178	240573	31.481	ng	99
72) Anthracene	11.386	178	60120	7.768	ng	99
73) Carbazole	11.545	167	18238	2.499	ng	98
75) Fluoranthene	12.527	202	343133	41.977	ng	98
78) Pyrene	12.762	202	306380	26.684	ng	99
81) Benzo(a)anthracene	13.957	228	131122	16.145	ng	98
83) Chrysene	13.992	228	101871	12.827	ng	97
87) Indeno(1,2,3-cd)pyrene	16.950	276	40089	6.631	ng	96
88) Benzo(b)fluoranthene	15.015	252	97300m	17.399	ng	
89) Benzo(k)fluoranthene	15.039	252	30485m	5.769	ng	
90) Benzo(a)pyrene	15.386	252	67613	14.323	ng	94
92) Benzo(g,h,i)perylene	17.409	276	37059	7.296	ng	# 91

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

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