

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135293.D
 Acq On : 15 Sep 2023 22:33
 Operator : CG\JU
 Sample : 04396-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24313

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/18/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 16 01:56:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	87659	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	283618	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	104236	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	110375	20.000	ng	# 0.04
76) Chrysene-d12	13.980	240	156575	20.000	ng	# 0.04
86) Perylene-d12	15.427	264	154186	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	492995	91.472	ng	0.00
7) Phenol-d6	6.404	99	581956	84.918	ng	0.00
23) Nitrobenzene-d5	7.322	82	345640	66.210	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	85761	82.793	ng	0.01
45) 2-Fluorobiphenyl	9.116	172	490678	71.021	ng	-0.01
79) Terphenyl-d14	12.939	244	341896	33.850	ng	0.05
Target Compounds						Qvalue
49) Acenaphthylene	9.663	152	49027	5.076	ng	# 27
71) Phenanthrene	11.351	178	75363	14.437	ng	# 37
75) Fluoranthene	12.574	202	199088	36.601	ng	90
78) Pyrene	12.804	202	204857m	13.742	ng	
81) Benzo(a)anthracene	13.968	228	169194	16.735	ng	94
83) Chrysene	14.004	228	196204	19.519	ng	97
84) Bis(2-ethylhexyl)phtha...	13.951	149	147120	27.316	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.898	276	94847	9.382	ng	96
88) Benzo(b)fluoranthene	15.004	252	288552m	34.571	ng	
89) Benzo(k)fluoranthene	15.027	252	89571m	10.864	ng	
90) Benzo(a)pyrene	15.362	252	128977	16.204	ng	98
91) Dibenzo(a,h)anthracene	16.909	278	24511	2.963	ng	# 85
92) Benzo(g,h,i)perylene	17.345	276	90243	10.446	ng	98

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

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