

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135295.D
 Acq On : 15 Sep 2023 23:41
 Operator : CG\JU
 Sample : 04405-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-091223

Quant Time: Sep 16 01:57:24 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	78240	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	262536	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	115347	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	227584	20.000	ng	0.00
76) Chrysene-d12	13.945	240	175207	20.000	ng	0.00
86) Perylene-d12	15.410	264	143852	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	96198	19.998	ng	0.00
7) Phenol-d6	6.398	99	120248	19.659	ng	0.00
23) Nitrobenzene-d5	7.316	82	68898	14.258	ng	-0.02
42) 2,4,6-Tribromophenol	10.586	330	26930	23.494	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	122345	16.003	ng	-0.01
79) Terphenyl-d14	12.880	244	179052	15.842	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.057	128	31398	2.461	ng	98
37) 2-Methylnaphthalene	8.751	142	22316	2.603	ng	100
38) 1-Methylnaphthalene	8.851	142	25374	3.161	ng	93
49) Acenaphthylene	9.657	152	23146	2.165	ng	# 94
52) Acenaphthene	9.828	154	44943	7.118	ng	98
55) Dibenzofuran	9.998	168	47657	4.946	ng	96
58) Fluorene	10.345	166	71572	9.662	ng	98
71) Phenanthrene	11.310	178	458217	42.570	ng	99
72) Anthracene	11.363	178	121392	10.972	ng	99
73) Carbazole	11.522	167	47195	4.686	ng	98
75) Fluoranthene	12.510	202	585735	52.224	ng	98
78) Pyrene	12.739	202	501208	30.047	ng	99
81) Benzo(a)anthracene	13.933	228	218204	19.287	ng	96
83) Chrysene	13.968	228	179672	15.973	ng	97
87) Indeno(1,2,3-cd)pyrene	16.886	276	58214	6.172	ng	95
88) Benzo(b)fluoranthene	14.986	252	169604m	21.780	ng	
89) Benzo(k)fluoranthene	15.010	252	46544m	6.051	ng	
90) Benzo(a)pyrene	15.351	252	116578	15.698	ng	95
91) Dibenzo(a,h)anthracene	16.886	278	15633	2.026	ng	# 81
92) Benzo(g,h,i)perylene	17.333	276	56956	7.067	ng	97

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

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