

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135325.D
 Acq On : 19 Sep 2023 00:59
 Operator : CG\JU
 Sample : 04423-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-09132023

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 01:26:04 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	87786	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	279681	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	114311	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	216401	20.000	ng	0.00
76) Chrysene-d12	13.945	240	194003	20.000	ng	0.00
86) Perylene-d12	15.409	264	144507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	80292	14.876	ng	0.00
7) Phenol-d6	6.398	99	92223	13.437	ng	0.00
23) Nitrobenzene-d5	7.316	82	52203	10.141	ng	-0.02
42) 2,4,6-Tribromophenol	10.586	330	14477	12.744	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	85600	11.298	ng	-0.02
79) Terphenyl-d14	12.880	244	90602	7.240	ng	-0.01
Target Compounds					Qvalue	
31) Naphthalene	8.057	128	159603	11.745	ng	99
37) 2-Methylnaphthalene	8.751	142	47850	5.238	ng	97
38) 1-Methylnaphthalene	8.845	142	33294	3.893	ng	97
52) Acenaphthene	9.822	154	80453	12.857	ng	95
55) Dibenzofuran	9.998	168	96267	10.081	ng	99
58) Fluorene	10.339	166	118328	16.119	ng	96
71) Phenanthrene	11.310	178	739947	72.297	ng	99
72) Anthracene	11.363	178	231891	22.042	ng	99
73) Carbazole	11.521	167	70170	7.327	ng	97
75) Fluoranthene	12.510	202	927641	86.983	ng	99
78) Pyrene	12.739	202	838249	45.383	ng	99
81) Benzo(a)anthracene	13.933	228	421125	33.617	ng	98
83) Chrysene	13.968	228	328307	26.359	ng	97
87) Indeno(1,2,3-cd)pyrene	16.880	276	97196	10.258	ng	97
88) Benzo(b)fluoranthene	14.986	252	325935m	41.665	ng	
89) Benzo(k)fluoranthene	15.009	252	83644m	10.824	ng	
90) Benzo(a)pyrene	15.345	252	209431	28.074	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	25705m	3.316	ng	
92) Benzo(g,h,i)perylene	17.333	276	98421	12.156	ng	99

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

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