

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136723.D
 Acq On : 26 Dec 2023 17:09
 Operator : CG\JU
 Sample : 05796-02RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-05-10.25-11.25RE

Quant Time: Dec 26 18:23:44 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.780	152	70410	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	224283	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	97400	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	181501	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	147086	20.000	ng	0.00
86) Perylene-d12	15.451	264	100169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	8561	1.897	ng	0.00
7) Phenol-d6	6.428	99	210837	36.057	ng	-0.01
23) Nitrobenzene-d5	7.345	82	249820	56.997	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	105	0.092	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	448459	61.927	ng	-0.01
79) Terphenyl-d14	12.904	244	504364	47.920	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.327	178	58929	6.328	ng	97
75) Fluoranthene	12.527	202	118596	11.905	ng	98
78) Pyrene	12.757	202	103269	7.152	ng	99
81) Benzo(a)anthracene	13.956	228	51354	5.028	ng	96
83) Chrysene	13.992	228	50383	5.044	ng	97
87) Indeno(1,2,3-cd)pyrene	16.945	276	18613	2.574	ng	96
88) Benzo(b)fluoranthene	15.015	252	44297m	6.621	ng	
89) Benzo(k)fluoranthene	15.039	252	15272m	2.416	ng	
90) Benzo(a)pyrene	15.386	252	25789	4.567	ng	# 64
92) Benzo(g,h,i)perylene	17.403	276	17354	2.856	ng	99

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

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