

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
 Data File : BF134043.D
 Acq On : 29 Jun 2023 18:37
 Operator : CG\JU
 Sample : 03362-20RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-25RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 05:13:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	99627	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	337314	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	137043	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	247786	20.000	ng	0.00
76) Chrysene-d12	14.045	240	176315	20.000	ng	0.00
86) Perylene-d12	15.545	264	143649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	517509	86.891	ng	0.00
7) Phenol-d6	6.481	99	610591	83.363	ng	-0.01
23) Nitrobenzene-d5	7.410	82	405337	64.776	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	120329	70.030	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	662654	70.301	ng	0.00
79) Terphenyl-d14	12.980	244	699159	63.820	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.145	128	35522	2.180	ng	98
37) 2-Methylnaphthalene	8.839	142	24891	2.160	ng	95
49) Acenaphthylene	9.745	152	30674	2.232	ng	99
52) Acenaphthene	9.916	154	127115	15.944	ng	97
55) Dibenzofuran	10.092	168	137048	10.999	ng	99
58) Fluorene	10.433	166	87946	9.072	ng	97
71) Phenanthrene	11.404	178	557757	44.714	ng	99
72) Anthracene	11.457	178	298127	22.978	ng	100
73) Carbazole	11.616	167	38384	3.232	ng	97
75) Fluoranthene	12.610	202	1015334	75.291	ng	98
78) Pyrene	12.839	202	830519	50.615	ng	99
81) Benzo(a)anthracene	14.033	228	315157	25.774	ng	98
83) Chrysene	14.068	228	294258m	24.846	ng	
84) Bis(2-ethylhexyl)phtha...	14.015	149	16444	2.325	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.092	276	104364	10.470	ng	95
88) Benzo(b)fluoranthene	15.104	252	284699m	33.705	ng	
89) Benzo(k)fluoranthene	15.127	252	96697m	11.244	ng	
90) Benzo(a)pyrene	15.480	252	178667	21.874	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	26944m	3.309	ng	
92) Benzo(g,h,i)perylene	17.562	276	95103	11.327	ng	98

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

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