

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042623\
 Data File : BG057195.D
 Acq On : 26 Apr 2023 16:46
 Operator : CG/JU
 Sample : 02270-12DL 100X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-27-10-12-20230411DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2023
 Supervised By : Jagrut Upadhyay 04/27/2023

Quant Time: Apr 27 03:06:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 03:02:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	16635	20.000	ng	0.00
21) Naphthalene-d8	11.216	136	66767	20.000	ng	0.00
39) Acenaphthene-d10	14.993	164	50719	20.000	ng	0.00
64) Phenanthrene-d10	17.731	188	131593	20.000	ng	0.00
76) Chrysene-d12	22.043	240	116410	20.000	ng	# 0.00
86) Perylene-d12	25.556	264	121740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	471	0.513	ng	0.00
7) Phenol-d6	7.527	99	771	0.581	ng	0.00
23) Nitrobenzene-d5	9.560	82	551	0.408	ng	0.00
42) 2,4,6-Tribromophenol	16.474	330	285	0.426	ng	0.00
45) 2-Fluorobiphenyl	13.613	172	1464	0.388	ng	0.00
79) Terphenyl-d14	20.292	244	3407	0.512	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	11.269	128	11844	3.340	ng	97
52) Acenaphthene	15.052	154	13579	4.588	ng	98
55) Dibenzofuran	15.387	168	9958	2.077	ng	99
58) Fluorene	16.027	166	14245	3.690	ng	99
71) Phenanthrene	17.772	178	181584	27.030	ng	99
72) Anthracene	17.860	178	49655	7.310	ng	99
73) Carbazole	18.125	167	24520	4.276	ng	97
75) Fluoranthene	19.763	202	373551	44.757	ng	99
78) Pyrene	20.122	202	312953	39.596	ng	99
81) Benzo(a)anthracene	22.019	228	214985	26.860	ng	99
83) Chrysene	22.090	228	181278m	23.486	ng	
87) Indeno(1,2,3-cd)pyrene	29.603	276	88574	10.157	ng	# 95
88) Benzo(b)fluoranthene	24.428	252	251109	32.905	ng	# 99
89) Benzo(k)fluoranthene	24.498	252	91101m	11.541	ng	
90) Benzo(a)pyrene	25.385	252	168349m	22.398	ng	
91) Dibenzo(a,h)anthracene	29.644	278	27209m	3.758	ng	
92) Benzo(g,h,i)perylene	30.872	276	82615	11.532	ng	# 96

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

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