

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056981.D
 Acq On : 5 Apr 2023 1:50
 Operator : CG/JU
 Sample : 02166-05 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-03-033123

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023

Quant Time: Apr 05 04:14:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.414	152	24867	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	95747	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	61614	20.000	ng	0.00
64) Phenanthrene-d10	17.772	188	122800	20.000	ng	0.00
76) Chrysene-d12	22.095	240	107671	20.000	ng	0.00
86) Perylene-d12	25.649	264	108739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	55679	35.835	ng	0.00
7) Phenol-d6	7.544	99	81475	35.061	ng	0.00
23) Nitrobenzene-d5	9.595	82	54896	23.460	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	32679	33.200	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	117950	25.959	ng	0.00
79) Terphenyl-d14	20.345	244	156364	24.574	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.813	178	19430	3.103	ng	97
75) Fluoranthene	19.798	202	60508	7.624	ng	99
78) Pyrene	20.169	202	87459	11.744	ng	99
81) Benzo(a)anthracene	22.072	228	54539	7.320	ng	99
83) Chrysene	22.142	228	49559	7.104	ng	96
88) Benzo(b)fluoranthene	24.504	252	49452	7.273	ng	# 92
89) Benzo(k)fluoranthene	24.568	252	18928m	2.788	ng	
90) Benzo(a)pyrene	25.473	252	37293	5.581	ng	# 96

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

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