

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059766.D
 Acq On : 18 Nov 2023 15:53
 Operator : MA/JU
 Sample : 05361-01 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-111023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/21/2023

Quant Time: Nov 20 04:44:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	30469	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	141847	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	130648	20.000	ng	0.00
64) Phenanthrene-d10	17.724	188	239032	20.000	ng	# 0.00
76) Chrysene-d12	22.061	240	174916	20.000	ng	# 0.00
86) Perylene-d12	25.656	264	153937m	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	28882	15.955	ng	0.00
7) Phenol-d6	7.460	99	41999	15.656	ng	0.00
23) Nitrobenzene-d5	9.546	82	39506	10.637	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	26078	17.592	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	117834	12.140	ng	0.00
79) Terphenyl-d14	20.298	244	140713	11.876	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.772	178	122177	10.053	ng	97
72) Anthracene	17.854	178	31436	2.490	ng	94
75) Fluoranthene	19.757	202	187225	12.846	ng	100
78) Pyrene	20.122	202	170611m	14.336	ng	
81) Benzo(a)anthracene	22.037	228	80475	6.724	ng	# 90
83) Chrysene	22.108	228	92656m	8.445	ng	
88) Benzo(b)fluoranthene	24.493	252	58516	6.935	ng	# 72
89) Benzo(k)fluoranthene	24.534	252	46586m	5.585	ng	
90) Benzo(a)pyrene	25.486	252	53816	5.977	ng	# 89

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

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