

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
 Data File : BG060500.D
 Acq On : 31 Jan 2024 2:05
 Operator : MA/JU
 Sample : P1188-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-JERSEY-PORT-SAMPLE-SET-2-A

Quant Time: Jan 31 04:42:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 01/31/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	177946	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	754597	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	558381	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1252294	20.000	ng	# 0.00
76) Chrysene-d12	21.578	240	1105619	20.000	ng	0.00
86) Perylene-d12	24.750	264	1247256	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	457438	42.282	ng	0.00
7) Phenol-d6	7.094	99	671049	41.888	ng	0.00
23) Nitrobenzene-d5	9.086	82	424894	26.588	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	336145	40.916	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	1105548	27.527	ng	0.00
79) Terphenyl-d14	19.932	244	1636078	27.883	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.353	178	547036m	9.037	ng	
72) Anthracene	17.447	178	144688	2.394	ng	98
75) Fluoranthene	19.368	202	1368932	18.829	ng	91
78) Pyrene	19.733	202	1220530	17.287	ng	# 85
81) Benzo(a)anthracene	21.560	228	768894	11.234	ng	92
83) Chrysene	21.625	228	705263	10.477	ng	93
84) Bis(2-ethylhexyl)phtha...	21.460	149	161850	4.409	ng	# 98
88) Benzo(b)fluoranthene	23.740	252	937318	12.721	ng	98
89) Benzo(k)fluoranthene	23.798	252	364175m	5.009	ng	
90) Benzo(a)pyrene	24.597	252	590573	8.873	ng	94
92) Benzo(g,h,i)perylene	29.474	276	257307	3.545	ng	97

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

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