

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
 Data File : BG060101.D
 Acq On : 20 Dec 2023 12:47
 Operator : MA/JU
 Sample : 05853-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-WALL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 20 13:31:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	57818	20.000	ng	# 0.00
21) Naphthalene-d8	10.758	136	204222	20.000	ng	# 0.00
39) Acenaphthene-d10	14.589	164	190289	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	556822	20.000	ng	# 0.00
76) Chrysene-d12	21.610	240	642608	20.000	ng	# 0.00
86) Perylene-d12	24.795	264	737353	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	216571	64.121	ng	0.00
7) Phenol-d6	7.109	99	325276	68.465	ng	0.00
23) Nitrobenzene-d5	9.113	82	257604	57.278	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	411667	92.830	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	861514	55.411	ng	0.00
79) Terphenyl-d14	19.959	244	2091918	59.433	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.380	178	561573	20.821	ng	98
72) Anthracene	17.468	178	107839	3.977	ng	98
73) Carbazole	17.738	167	66450	2.884	ng	98
75) Fluoranthene	19.395	202	1016091	25.817	ng	96
78) Pyrene	19.753	202	812466	20.857	ng	99
81) Benzo(a)anthracene	21.587	228	477470	11.061	ng	97
83) Chrysene	21.651	228	430963	10.538	ng	97
87) Indeno(1,2,3-cd)pyrene	28.426	276	308094	5.855	ng	# 93
88) Benzo(b)fluoranthene	23.784	252	568763m	12.490	ng	
89) Benzo(k)fluoranthene	23.843	252	197184m	4.464	ng	
90) Benzo(a)pyrene	24.642	252	407467	10.099	ng	# 92
91) Dibenzo(a,h)anthracene	28.461	278	92064m	2.092	ng	
92) Benzo(g,h,i)perylene	29.554	276	292595	6.685	ng	# 96

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

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