

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056582.D
 Acq On : 8 Feb 2023 15:05
 Operator : CG/JU
 Sample : 01477-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-6-020723

Quant Time: Feb 09 02:07:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 02/09/2023
 Supervised By :Jagrut
 Upadhyay
 02/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.266	152	41982	20.000	ng	# 0.00
21) Naphthalene-d8	11.104	136	146122	20.000	ng	# 0.00
39) Acenaphthene-d10	14.894	164	99138	20.000	ng	0.00
64) Phenanthrene-d10	17.632	188	221294	20.000	ng	0.00
76) Chrysene-d12	21.921	240	222061	20.000	ng	0.00
86) Perylene-d12	25.352	264	243568	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	226927	99.435	ng	0.00
7) Phenol-d6	7.420	99	298757	88.353	ng	0.00
23) Nitrobenzene-d5	9.447	82	162847	63.285	ng	0.00
42) 2,4,6-Tribromophenol	16.380	330	109272	82.909	ng	0.00
45) 2-Fluorobiphenyl	13.519	172	462849	64.729	ng	0.00
79) Terphenyl-d14	20.205	244	745705	58.981	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.151	128	33581	4.354	ng	# 86
37) 2-Methylnaphthalene	12.743	142	44668	7.025	ng	98
38) 1-Methylnaphthalene	12.955	142	29257m	4.927	ng	
46) 1,1'-Biphenyl	13.731	154	19720	2.742	ng	98
55) Dibenzofuran	15.288	168	22313	2.294	ng	# 81
58) Fluorene	15.934	166	32201	4.161	ng	# 90
71) Phenanthrene	17.679	178	227720	19.661	ng	100
72) Anthracene	17.767	178	58569m	4.926	ng	
73) Carbazole	18.031	167	20340	2.009	ng	# 78
75) Fluoranthene	19.671	202	283685	19.407	ng	98
78) Pyrene	20.029	202	262868	16.644	ng	98
81) Benzo(a)anthracene	21.903	228	127288	8.199	ng	99
83) Chrysene	21.968	228	116414	7.982	ng	97
87) Indeno(1,2,3-cd)pyrene	29.301	276	50167	2.814	ng	# 60
88) Benzo(b)fluoranthene	24.259	252	147187	9.736	ng	# 97
89) Benzo(k)fluoranthene	24.324	252	44716m	2.930	ng	
90) Benzo(a)pyrene	25.188	252	104094	6.990	ng	98
92) Benzo(g,h,i)perylene	30.540	276	50009m	3.463	ng	

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

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