

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
 Data File : BG057528.D
 Acq On : 23 May 2023 20:44
 Operator : CG/JU
 Sample : 02892-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-29

Quant Time: May 24 04:35:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

05/24/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.357	152	20980	20.000	ng	0.00
21) Naphthalene-d8	11.194	136	81260	20.000	ng	0.00
39) Acenaphthene-d10	14.971	164	57529	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	130975	20.000	ng	0.00
76) Chrysene-d12	22.032	240	117474	20.000	ng	0.01
86) Perylene-d12	25.551	264	123647	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	82090	66.932	ng	0.00
7) Phenol-d6	7.499	99	118445	63.597	ng	0.00
23) Nitrobenzene-d5	9.537	82	76652	39.591	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	54409	66.655	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	158876	37.194	ng	0.00
79) Terphenyl-d14	20.282	244	224286	31.157	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	11.241	128	31116	7.163	ng	99
37) 2-Methylnaphthalene	12.821	142	9618	2.816	ng	97
55) Dibenzofuran	15.365	168	15307	2.827	ng	96
58) Fluorene	16.011	166	12175	2.730	ng	# 97
71) Phenanthrene	17.756	178	214089	31.899	ng	99
72) Anthracene	17.844	178	48845	7.093	ng	98
73) Carbazole	18.114	167	22881	3.947	ng	96
75) Fluoranthene	19.747	202	629155	75.373	ng	98
78) Pyrene	20.111	202	642983	75.323	ng	98
81) Benzo(a)anthracene	22.009	228	405098	48.401	ng	98
83) Chrysene	22.079	228	380807	48.357	ng	96
87) Indeno(1,2,3-cd)pyrene	29.604	276	184890	20.517	ng	# 92
88) Benzo(b)fluoranthene	24.429	252	531851	65.801	ng	# 94
89) Benzo(k)fluoranthene	24.482	252	249230m	30.344	ng	
90) Benzo(a)pyrene	25.387	252	446548	56.550	ng	93
91) Dibenzo(a,h)anthracene	29.640	278	42959	5.724	ng	# 83
92) Benzo(g,h,i)perylene	30.897	276	167274m	22.827	ng	

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

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