

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
 Data File : BG060118.D
 Acq On : 21 Dec 2023 3:58
 Operator : MA/JU
 Sample : 05831-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-20017

Quant Time: Dec 21 04:32:29 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	50516	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	179594	20.000	ng	# 0.00
39) Acenaphthene-d10	14.589	164	165441	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	479260	20.000	ng	# 0.00
76) Chrysene-d12	21.610	240	618620	20.000	ng	# 0.00
86) Perylene-d12	24.818	264	704281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	111999	37.953	ng	0.00
7) Phenol-d6	7.116	99	173155	41.714	ng	0.00
23) Nitrobenzene-d5	9.113	82	147728	37.351	ng	0.00
42) 2,4,6-Tribromophenol	16.076	330	230024	59.661	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	503725	37.264	ng	0.00
79) Terphenyl-d14	19.959	244	1306733	38.565	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.800	128	24443	2.614	ng	# 92
37) 2-Methylnaphthalene	12.409	142	53504	7.297	ng	# 93
38) 1-Methylnaphthalene	12.633	142	36272	5.008	ng	# 94
58) Fluorene	15.635	166	37047	2.698	ng	93
71) Phenanthrene	17.380	178	487709	21.009	ng	97
72) Anthracene	17.474	178	93557	4.008	ng	97
75) Fluoranthene	19.401	202	1183299	34.931	ng	97
78) Pyrene	19.760	202	1101252	29.367	ng	99
81) Benzo(a)anthracene	21.593	228	594415	14.304	ng	97
83) Chrysene	21.657	228	603909	15.340	ng	98
84) Bis(2-ethylhexyl)phtha...	21.505	149	142331	13.943	ng	# 96
87) Indeno(1,2,3-cd)pyrene	28.455	276	219510	4.367	ng	# 73
88) Benzo(b)fluoranthene	23.796	252	684778	15.743	ng	# 96
89) Benzo(k)fluoranthene	23.855	252	317706m	7.530	ng	
90) Benzo(a)pyrene	24.660	252	565174m	14.666	ng	
92) Benzo(g,h,i)perylene	29.583	276	229613m	5.492	ng	

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

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