

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059908.D
 Acq On : 27 Nov 2023 19:52
 Operator : MA/JU
 Sample : 05466-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB21144

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 27 23:14:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 13:17:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	35472	20.000	ng	0.00
21) Naphthalene-d8	11.155	136	160457	20.000	ng	# 0.00
39) Acenaphthene-d10	14.939	164	105825	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	201218	20.000	ng	# 0.00
76) Chrysene-d12	22.031	240	158503	20.000	ng	# 0.01
86) Perylene-d12	25.597	264	181476	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	317670	150.734	ng	0.00
7) Phenol-d6	7.436	99	468666	150.064	ng	0.00
23) Nitrobenzene-d5	9.510	82	423444	100.788	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	196487	163.642	ng	0.00
45) 2-Fluorobiphenyl	13.564	172	867523	110.345	ng	0.00
79) Terphenyl-d14	20.274	244	1149443	107.056	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.675	152	20116	2.067	ng	# 95
52) Acenaphthene	15.004	154	31464	5.376	ng	# 87
58) Fluorene	15.979	166	26385	3.291	ng	# 91
71) Phenanthrene	17.736	178	458831	44.850	ng	94
72) Anthracene	17.824	178	145818m	13.718	ng	
73) Carbazole	18.106	167	40098	4.318	ng	# 90
75) Fluoranthene	19.763	202	8220994	670.082	ng	65
78) Pyrene	20.121	202	6699956	621.261	ng	# 73
81) Benzo(a)anthracene	22.007	228	1252052	115.448	ng	96
83) Chrysene	22.084	228	1847335	185.816	ng	94
84) Bis(2-ethylhexyl)phtha...	21.813	149	25813	4.176	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.722	276	194883	14.192	ng	# 73
88) Benzo(b)fluoranthene	24.446	252	1009290	101.471	ng	95
89) Benzo(k)fluoranthene	24.510	252	394649m	40.133	ng	
90) Benzo(a)pyrene	25.415	252	428557	40.371	ng	99
91) Dibenzo(a,h)anthracene	29.769	278	64570m	5.558	ng	
92) Benzo(g,h,i)perylene	31.044	276	154074m	13.977	ng	

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

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