

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039062.D
 Acq On : 21 Mar 2023 02:12
 Operator : CG/JU
 Sample : 01974-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SHELL-ROAD-2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/21/2023
 Supervised By : Jagrut Upadhyay 03/21/2023

Quant Time: Mar 21 03:57:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	342600	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1342963	20.000	ng	-0.01
39) Acenaphthene-d10	14.610	164	731206	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1448521	20.000	ng	-0.01
76) Chrysene-d12	21.533	240	1366754	20.000	ng	0.00
86) Perylene-d12	23.968	264	1571102	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2294377	101.746	ng	0.00
7) Phenol-d6	7.128	99	2876340	98.201	ng	0.00
23) Nitrobenzene-d5	9.134	82	1706519	62.419	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	779292	92.127	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	3185861	56.719	ng	-0.01
79) Terphenyl-d14	19.974	244	4288384	57.366	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.333	152	235736	3.168	ng	99
58) Fluorene	15.651	166	120627	2.152	ng	99
71) Phenanthrene	17.398	178	2168579	25.508	ng	99
72) Anthracene	17.486	178	457033	5.391	ng	99
73) Carbazole	17.757	167	235032	3.038	ng	98
74) Di-n-butylphthalate	18.321	149	75224	2.566	ng	98
75) Fluoranthene	19.410	202	4066439	45.302	ng	99
78) Pyrene	19.774	202	3939079	38.372	ng	99
81) Benzo(a)anthracene	21.515	228	1812260	18.412	ng	96
83) Chrysene	21.568	228	1990723	20.796	ng	98
84) Bis(2-ethylhexyl)phtha...	21.445	149	64926	3.461	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.497	276	1310235	10.960	ng	97
88) Benzo(b)fluoranthene	23.227	252	2531071m	25.217	ng	
89) Benzo(k)fluoranthene	23.268	252	919129m	8.799	ng	
90) Benzo(a)pyrene	23.862	252	1789791	18.528	ng	97
91) Dibenzo(a,h)anthracene	26.509	278	333829	3.297	ng	# 86
92) Benzo(g,h,i)perylene	27.280	276	1338643	13.514	ng	98

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

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