

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
 Data File : BM039993.D
 Acq On : 24 May 2023 20:39
 Operator : CG/JU
 Sample : 02894-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-50A

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/25/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Quant Time: May 25 04:30:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 01:06:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	328303	20.000	ng	0.00
21) Naphthalene-d8	10.834	136	1220374	20.000	ng	0.00
39) Acenaphthene-d10	14.651	164	556182	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	966062	20.000	ng	0.00
76) Chrysene-d12	21.568	240	824621	20.000	ng	0.00
86) Perylene-d12	24.021	264	986647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	2434368	113.741	ng	0.00
7) Phenol-d6	7.169	99	2908704	104.183	ng	0.00
23) Nitrobenzene-d5	9.181	82	1570113	69.424	ng	0.00
42) 2,4,6-Tribromophenol	16.134	330	728225	100.879	ng	0.00
45) 2-Fluorobiphenyl	13.281	172	3260074	69.136	ng	0.00
79) Terphenyl-d14	20.010	244	3865555	72.785	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.433	178	148702	2.573	ng	99
74) Di-n-butylphthalate	18.363	149	5310	3.736	ng	# 91
75) Fluoranthene	19.445	202	347967	6.042	ng	98
78) Pyrene	19.810	202	340238	5.623	ng	100
81) Benzo(a)anthracene	21.551	228	183353	3.141	ng	97
83) Chrysene	21.604	228	188317m	3.362	ng	
84) Bis(2-ethylhexyl)phtha...	21.480	149	22041	4.116	ng	98
88) Benzo(b)fluoranthene	23.268	252	270546	4.283	ng	# 96
89) Benzo(k)fluoranthene	23.315	252	140003m	2.027	ng	
90) Benzo(a)pyrene	23.909	252	185263	3.058	ng	# 94
92) Benzo(g,h,i)perylene	27.350	276	144300	2.410	ng	95

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

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