

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017945.D
 Acq On : 12 Dec 2021 17:53
 Operator : CG/JU
 Sample : M4988-06
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20211207

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

Quant Time: Dec 13 00:41:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	30657	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	127154	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	86375	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	169092	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	127649	0.400	ng	#-0.01
35) Perylene-d12	23.582	264	101847	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7690	0.122	ng	0.00
5) Phenol-d6	6.903	99	4787	0.076	ng	0.00
8) Nitrobenzene-d5	8.846	82	25103m	0.302	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	66925m	0.299	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	310	0.339	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	101113	0.333	ng	0.00
27) Fluoranthene-d10	19.124	212	172279	0.314	ng	0.00
31) Terphenyl-d14	19.730	244	135010	0.429	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	33656m	3.618	ng	
9) Naphthalene	10.545	128	11510	0.036	ng	96
25) Phenanthrene	17.129	178	15728m	0.036	ng	
32) Benzo(a)anthracene	21.272	228	22065	0.104	ng	# 89
33) Chrysene	21.325	228	23538	0.056	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.208	149	1311675	9.571	ng	98
36) Indeno(1,2,3-cd)pyrene	25.961	276	7697m	0.125	ng	
37) Benzo(b)fluoranthene	22.891	252	17377	0.052	ng	# 1
38) Benzo(k)fluoranthene	22.935	252	14378	0.044	ng	# 1
39) Benzo(a)pyrene	23.486	252	12301	0.041	ng	# 1
40) Dibenzo(a,h)anthracene	25.978	278	6543m	0.146	ng	
41) Benzo(g,h,i)perylene	26.673	276	8440	0.052	ng	# 62

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

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