

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017953.D
 Acq On : 13 Dec 2021 00:30
 Operator : CG/JU
 Sample : M4988-08
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20211207

Quant Time: Dec 13 01:46:10 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	33102	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	131253	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	90594	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	182920	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	127723	0.400	ng	#-0.01
35) Perylene-d12	23.582	264	97442	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7868	0.115	ng	0.00
5) Phenol-d6	6.903	99	4147	0.061	ng	0.00
8) Nitrobenzene-d5	8.846	82	23244	0.271	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	57207	0.248	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3948	0.412	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	95242	0.299	ng	0.00
27) Fluoranthene-d10	19.124	212	179796	0.303	ng	0.00
31) Terphenyl-d14	19.730	244	165202	0.525	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	35037m	3.488	ng	
9) Naphthalene	10.545	128	9369	0.029	ng	# 96
25) Phenanthrene	17.129	178	15030m	0.032	ng	
32) Benzo(a)anthracene	21.272	228	21873	0.103	ng	# 89
33) Chrysene	21.325	228	23984	0.057	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.208	149	1185025	8.642	ng	98
36) Indeno(1,2,3-cd)pyrene	25.954	276	8456m	0.130	ng	
37) Benzo(b)fluoranthene	22.887	252	18430	0.057	ng	# 1
38) Benzo(k)fluoranthene	22.935	252	15201	0.048	ng	# 1
39) Benzo(a)pyrene	23.483	252	15535	0.054	ng	# 1
40) Dibenzo(a,h)anthracene	25.985	278	5182m	0.138	ng	
41) Benzo(g,h,i)perylene	26.669	276	8465	0.055	ng	# 68

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

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