

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017955.D
 Acq On : 13 Dec 2021 01:42
 Operator : CG/JU
 Sample : M4988-10
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D1-20211207

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 02:24:08 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	29094	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	114678	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	77771	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	149052	0.400	ng	0.00
29) Chrysene-d12	21.282	240	109325	0.400	ng	#-0.01
35) Perylene-d12	23.582	264	79725	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7072	0.118	ng	0.00
5) Phenol-d6	6.903	99	3775	0.063	ng	0.00
8) Nitrobenzene-d5	8.859	82	21235	0.284	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	52163	0.259	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4704	0.443	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	88732	0.324	ng	0.00
27) Fluoranthene-d10	19.124	212	160303	0.332	ng	0.00
31) Terphenyl-d14	19.730	244	134571	0.499	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.271	88	31829m	3.605	ng	
9) Naphthalene	10.545	128	7690	0.027	ng	# 94
32) Benzo(a)anthracene	21.272	228	18690	0.103	ng	# 90
33) Chrysene	21.325	228	20721	0.058	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.208	149	897284	7.645	ng	98
36) Indeno(1,2,3-cd)pyrene	25.971	276	5921m	0.124	ng	
37) Benzo(b)fluoranthene	22.894	252	14964	0.057	ng	# 1
38) Benzo(k)fluoranthene	22.935	252	12611	0.049	ng	# 9
39) Benzo(a)pyrene	23.486	252	12990	0.055	ng	# 1
40) Dibenzo(a,h)anthracene	25.995	278	3841m	0.134	ng	
41) Benzo(g,h,i)perylene	26.677	276	5974	0.047	ng	# 64

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

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