

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033450.D
 Acq On : 17 Aug 2024 03:37
 Operator : MA/JU
 Sample : P3580-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 926-K1-SD-0.5-1-081224

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2024
 Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 17 04:22:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 04:44:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	7476	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	20630	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	10166	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	19833	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	14551	0.400	ng	0.00
35) Perylene-d12	23.320	264	15421	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	3270	0.158	ng	0.00
5) Phenol-d6	6.751	99	3936	0.141	ng	0.00
8) Nitrobenzene-d5	8.692	82	2598	0.167	ng	-0.01
11) 2-Methylnaphthalene-d10	11.922	152	4233	0.133	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	585	0.112	ng	-0.01
15) 2-Fluorobiphenyl	12.820	172	5950	0.143	ng	0.00
27) Fluoranthene-d10	18.984	212	6298	0.119	ng	0.00
31) Terphenyl-d14	19.602	244	4794	0.174	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	16.991	178	2411	0.042	ng	97
28) Fluoranthene	19.017	202	8327	0.118	ng	99
30) Pyrene	19.379	202	7124	0.123	ng	# 95
32) Benzo(a)anthracene	21.131	228	4029	0.074	ng	96
33) Chrysene	21.184	228	4805	0.088	ng	95
34) Bis(2-ethylhexyl)phtha...	21.104	149	2129	0.086	ng	# 100
36) Indeno(1,2,3-cd)pyrene	25.478	276	4299	0.067	ng	93
37) Benzo(b)fluoranthene	22.677	252	8182	0.141	ng	# 65
38) Benzo(k)fluoranthene	22.718	252	2908m	0.049	ng	
39) Benzo(a)pyrene	23.227	252	5081	0.104	ng	# 55
41) Benzo(g,h,i)perylene	26.133	276	4601	0.082	ng	# 85

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

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