

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
 Data File : BN027778.D
 Acq On : 21 Sep 2023 00:06
 Operator : MA/JU
 Sample : 04367-03 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PILE-3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 21 04:24:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 20 13:45:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	4423	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	14663	0.400	ng	# 0.00
13) Acenaphthene-d10	14.640	164	8643	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	20883	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	20996	0.400	ng	# 0.00
35) Perylene-d12	24.066	264	20100	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.538	112	396	0.035	ng	0.00
5) Phenol-d6	7.156	99	505	0.036	ng	0.00
8) Nitrobenzene-d5	9.198	82	561	0.048	ng	-0.01
11) 2-Methylnaphthalene-d10	12.407	152	609	0.028	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	487	0.133	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	1083	0.037	ng	0.00
27) Fluoranthene-d10	19.416	212	1829	0.034	ng	0.00
31) Terphenyl-d14	20.001	244	2148	0.053	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.885	128	17550	0.432	ng	98
12) 2-Methylnaphthalene	12.479	142	7412	0.262	ng	100
16) Acenaphthylene	14.373	152	34957	0.946	ng	100
17) Acenaphthene	14.705	154	13837	0.528	ng	99
18) Fluorene	15.680	166	25920	0.682	ng	98
25) Phenanthrene	17.430	178	425785	6.969	ng	100
26) Anthracene	17.530	178	111965	2.141	ng	99
28) Fluoranthene	19.449	202	699406	9.315	ng	99
30) Pyrene	19.816	202	672452	8.915	ng	100
32) Benzo(a)anthracene	21.551	228	370848	5.090	ng	98
33) Chrysene	21.605	228	320472	3.995	ng	96
34) Bis(2-ethylhexyl)phtha...	21.426	149	10000	0.310	ng	# 93
36) Indeno(1,2,3-cd)pyrene	26.680	276	159045	1.860	ng	94
37) Benzo(b)fluoranthene	23.294	252	364530	4.587	ng	94
38) Benzo(k)fluoranthene	23.341	252	137874m	1.711	ng	
39) Benzo(a)pyrene	23.952	252	276153m	3.824	ng	
40) Dibenzo(a,h)anthracene	26.700	278	41144m	0.589	ng	
41) Benzo(g,h,i)perylene	27.510	276	158442	2.052	ng	97

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

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