

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081023\
 Data File : BN026868.D
 Acq On : 09 Aug 2023 15:07
 Operator : MA/JU
 Sample : 03815-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BUILDING-B-21-(0-5)

Quant Time: Aug 09 18:13:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 17:55:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :mohammad ahmed 08/10/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	7537	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	21997	0.400	ng	0.00
13) Acenaphthene-d10	14.737	164	15235	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	36793	0.400	ng	0.00
29) Chrysene-d12	21.668	240	30862	0.400	ng	0.00
35) Perylene-d12	24.227	264	32621	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	4372	0.229	ng	0.00
5) Phenol-d6	7.236	99	5374	0.217	ng	0.00
8) Nitrobenzene-d5	9.294	82	3504	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	12.513	152	7426	0.235	ng	0.00
14) 2,4,6-Tribromophenol	16.226	330	1681	0.324	ng	0.00
15) 2-Fluorobiphenyl	13.368	172	11623	0.187	ng	0.00
27) Fluoranthene-d10	19.504	212	20258	0.229	ng	0.00
31) Terphenyl-d14	20.094	244	18593	0.289	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.992	128	3578	0.059	ng	# 88
12) 2-Methylnaphthalene	12.585	142	1253	0.030	ng	# 81
16) Acenaphthylene	14.470	152	15530	0.206	ng	100
18) Fluorene	15.780	166	1765	0.029	ng	# 81
25) Phenanthrene	17.530	178	21106	0.189	ng	99
26) Anthracene	17.617	178	9998	0.100	ng	99
28) Fluoranthene	19.537	202	51899	0.417	ng	98
30) Pyrene	19.899	202	68954	0.517	ng	98
32) Benzo(a)anthracene	21.650	228	36656m	0.346	ng	
33) Chrysene	21.704	228	30911	0.264	ng	96
34) Bis(2-ethylhexyl)phtha...	21.542	149	80243	2.285	ng	97
36) Indeno(1,2,3-cd)pyrene	26.925	276	19757	0.148	ng	# 93
37) Benzo(b)fluoranthene	23.431	252	41120	0.320	ng	# 91
38) Benzo(k)fluoranthene	23.481	252	14899m	0.113	ng	
39) Benzo(a)pyrene	24.110	252	32696	0.279	ng	93
40) Dibenzo(a,h)anthracene	26.949	278	5524m	0.053	ng	
41) Benzo(g,h,i)perylene	27.764	276	21728	0.178	ng	92

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

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