

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
 Data File : BN028394.D
 Acq On : 25 Oct 2023 03:14
 Operator : MA/JU
 Sample : 04938-15 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A-8(0-2)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2023
 Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 25 04:29:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:14:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	3731	0.400	ng	0.00
7) Naphthalene-d8	10.682	136	12803	0.400	ng	-0.02
13) Acenaphthene-d10	14.523	164	7116	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	10774	0.400	ng	# 0.00
29) Chrysene-d12	21.506	240	9434	0.400	ng	# 0.02
35) Perylene-d12	23.966	264	15231	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.415	112	479	0.041	ng	-0.01
5) Phenol-d6	7.055	99	564	0.040	ng	0.00
8) Nitrobenzene-d5	9.080	82	422	0.037	ng	-0.02
11) 2-Methylnaphthalene-d10	12.271	152	742	0.039	ng	-0.02
14) 2,4,6-Tribromophenol	16.028	330	133	0.038	ng	-0.04
15) 2-Fluorobiphenyl	13.144	172	930	0.037	ng	-0.02
27) Fluoranthene-d10	19.365	212	1812	0.063	ng	0.04
31) Terphenyl-d14	19.895	244	10492	0.524	ng	-0.02
Target Compounds						Qvalue
9) Naphthalene	10.735	128	307630	9.263	ng	97
12) 2-Methylnaphthalene	12.343	142	92735	3.930	ng	99
16) Acenaphthylene	14.256	152	153291	4.794	ng	99
17) Acenaphthene	14.587	154	1043796	51.805	ng	98
18) Fluorene	15.568	166	1025607	38.669	ng	97
25) Phenanthrene	17.356	178	14810075	502.178	ng	98
26) Anthracene	17.430	178	3876373	137.619	ng	# 93
28) Fluoranthene	19.384	202	22566893	609.090	ng	96
30) Pyrene	19.751	202	21139363	654.846	ng	# 79
32) Benzo(a)anthracene	21.488	228	13228684	394.719	ng	97
33) Chrysene	21.551	228	11246607	350.620	ng	96
34) Bis(2-ethylhexyl)phtha...	21.345	149	15837	0.619	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.609	276	10047761	163.629	ng	96
37) Benzo(b)fluoranthene	23.233	252	18202100	382.333	ng	# 89
38) Benzo(k)fluoranthene	23.273	252	6887199m	142.209	ng	
39) Benzo(a)pyrene	23.890	252	13560280	286.330	ng	# 88
40) Dibenzo(a,h)anthracene	26.598	278	2217921	44.491	ng	95
41) Benzo(g,h,i)perylene	27.428	276	9702632	188.511	ng	97

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

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