

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
 Data File : BN028393.D
 Acq On : 25 Oct 2023 02:38
 Operator : MA/JU
 Sample : 04938-09 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A-5(0-2)

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 03:08:52 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	4011	0.400	ng	0.00
7) Naphthalene-d8	10.682	136	14292	0.400	ng	-0.02
13) Acenaphthene-d10	14.523	164	10576	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	16148	0.400	ng	# 0.00
29) Chrysene-d12	21.462	240	26084m	0.400	ng	-0.03
35) Perylene-d12	23.928	264	41396	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.415	112	598	0.048	ng	-0.01
5) Phenol-d6	7.055	99	748	0.049	ng	0.00
8) Nitrobenzene-d5	9.080	82	607	0.048	ng	-0.02
11) 2-Methylnaphthalene-d10	12.271	152	996	0.046	ng	-0.02
14) 2,4,6-Tribromophenol	16.028	330	174	0.034	ng	-0.04
15) 2-Fluorobiphenyl	13.144	172	1316	0.035	ng	-0.02
27) Fluoranthene-d10	19.323	212	11677m	0.270	ng	0.00
31) Terphenyl-d14	19.904	244	35958	0.649	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.735	128	792465	21.377	ng	97
12) 2-Methylnaphthalene	12.343	142	257674	9.781	ng	99
16) Acenaphthylene	14.245	152	358434	7.542	ng	98
17) Acenaphthene	14.587	154	3373922	112.669	ng	97
18) Fluorene	15.581	166	3660827	92.871	ng	99
25) Phenanthrene	17.356	178	36905247	834.923	ng	# 60
26) Anthracene	17.455	178	13797177	326.813	ng	# 94
28) Fluoranthene	19.374	202	43010367m	774.535	ng	
30) Pyrene	19.765	202	38589704m	432.355	ng	
32) Benzo(a)anthracene	21.515	228	30924848m	333.735	ng	
33) Chrysene	21.569	228	20897336	235.629	ng	95
34) Bis(2-ethylhexyl)phtha...	21.354	149	70110m	0.990	ng	
36) Indeno(1,2,3-cd)pyrene	26.712	276	28823561m	172.707	ng	
37) Benzo(b)fluoranthene	23.279	252	46465811	359.107	ng	# 89
38) Benzo(k)fluoranthene	23.326	252	13042982m	99.090	ng	
39) Benzo(a)pyrene	23.949	252	33831119m	262.835	ng	
40) Dibenzo(a,h)anthracene	26.650	278	5660415m	41.777	ng	
41) Benzo(g,h,i)perylene	27.551	276	25893848	185.103	ng	96

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

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