

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028190.D
 Acq On : 10 Oct 2023 09:50
 Operator : MA/JU
 Sample : 04622-02 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 I-4(0-5)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023

Quant Time: Oct 10 10:48:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 00:42:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	4173	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	13106	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	7917	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	14342	0.400	ng	# 0.00
29) Chrysene-d12	21.524	240	15135m	0.400	ng	0.00
35) Perylene-d12	23.981	264	23051m	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	402	0.032	ng	0.00
5) Phenol-d6	7.084	99	249	0.016	ng	0.00
8) Nitrobenzene-d5	9.123	82	238	0.021	ng	0.00
11) 2-Methylnaphthalene-d10	12.317	152	313	0.016	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	57	0.016	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	456	0.016	ng	0.00
27) Fluoranthene-d10	19.379	212	5568	0.155	ng	0.02
31) Terphenyl-d14	19.927	244	6108	0.173	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.789	128	6057556	178.882	ng	99
12) 2-Methylnaphthalene	12.393	142	1838006	77.590	ng	99
16) Acenaphthylene	14.288	152	1456693	41.535	ng	98
17) Acenaphthene	14.619	154	382284	17.099	ng	97
18) Fluorene	15.606	166	2857963	98.427	ng	100
25) Phenanthrene	17.381	178	12907378	333.820	ng	98
26) Anthracene	17.455	178	4185580	114.526	ng	# 94
28) Fluoranthene	19.398	202	10076964	225.824	ng	96
30) Pyrene	19.765	202	8852570	159.510	ng	97
32) Benzo(a)anthracene	21.507	228	4839187	93.962	ng	96
33) Chrysene	21.560	228	3888623	78.348	ng	96
34) Bis(2-ethylhexyl)phtha...	21.372	149	5073	0.150	ng	99
36) Indeno(1,2,3-cd)pyrene	26.577	276	1948223	25.127	ng	98
37) Benzo(b)fluoranthene	23.227	252	4289655	57.621	ng	# 89
38) Benzo(k)fluoranthene	23.271	252	1823498m	24.149	ng	
39) Benzo(a)pyrene	23.879	252	3606752m	51.236	ng	
40) Dibenzo(a,h)anthracene	26.580	278	586612	9.249	ng	94
41) Benzo(g,h,i)perylene	27.387	276	1771323	27.207	ng	94

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

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