

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016774.D
 Acq On : 06 Oct 2021 11:07
 Operator : CG/JU
 Sample : M3892-01 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-829-J-SO-1-1.5-092221

Manual Integrations
 APPROVED

mohammad
 10/7/2021 8:32:24 AM

Quant Time: Oct 06 11:45:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	17867	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	83333	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	47759	0.40	ng	0.00
19) Phenanthrene-d10	17.030	188	98180	0.40	ng	0.00
29) Chrysene-d12	21.259	240	89151	0.40	ng	# 0.02
35) Perylene-d12	23.508	264	103074	0.40	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	1344	0.03	ng	0.02
5) Phenol-d6	6.822	99	1377	0.03	ng	0.00
8) Nitrobenzene-d5	8.784	82	1563	0.03	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	3471	0.03	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	763	0.14	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	4489	0.02	ng	-0.01
27) Fluoranthene-d10	19.073	212	6302m	0.02	ng	0.00
31) Terphenyl-d14	19.718	244	3385	0.02	ng	0.04
Target Compounds						Qvalue
9) Naphthalene	10.457	128	32405	0.14	ng	99
12) 2-Methylnaphthalene	12.078	142	56921	0.39	ng	99
16) Acenaphthylene	13.990	152	25077	0.12	ng	# 92
17) Acenaphthene	14.332	154	583308	4.19	ng	99
18) Fluorene	15.322	166	665580	3.96	ng	99
25) Phenanthrene	17.078	178	8006291	27.74	ng	98
26) Anthracene	17.164	178	3189877	12.38	ng	# 94
28) Fluoranthene	19.127	202	16877738	52.70	ng	97
30) Pyrene	19.490	202	15401046	52.54	ng	# 80
32) Benzo(a)anthracene	21.238	228	11902651	43.05	ng	# 95
33) Chrysene	21.302	228	11049125m	39.39	ng	
34) Bis(2-ethylhexyl)phtha...	21.174	149	31532	0.19	ng	# 78
36) Indeno(1,2,3-cd)pyrene	25.795	276	2782045	8.50	ng	97
37) Benzo(b)fluoranthene	22.851	252	12524054	37.58	ng	96
38) Benzo(k)fluoranthene	22.885	252	4584574m	14.31	ng	
39) Benzo(a)pyrene	23.426	252	7865056	26.37	ng	97
40) Dibenzo(a,h)anthracene	25.805	278	913960	3.52	ng	96
41) Benzo(g,h,i)perylene	26.497	276	2096512	7.22	ng	99

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

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