

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016773.D
 Acq On : 06 Oct 2021 10:31
 Operator : CG/JU
 Sample : M3892-02 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 10/7/2021 8:32:21 AM

Quant Time: Oct 06 11:10:36 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	18809	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	87803	0.40	ng	0.00
13) Acenaphthene-d10	14.268	164	51309	0.40	ng	0.00
19) Phenanthrene-d10	17.029	188	103316	0.40	ng	0.00
29) Chrysene-d12	21.259	240	95116	0.40	ng	# 0.02
35) Perylene-d12	23.508	264	111083	0.40	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	1497	0.03	ng	0.00
5) Phenol-d6	6.821	99	1544	0.03	ng	0.00
8) Nitrobenzene-d5	8.784	82	1636	0.03	ng	0.00
11) 2-Methylnaphthalene-d10	12.002	152	3809	0.03	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	873	0.15	ng	-0.01
15) 2-Fluorobiphenyl	12.898	172	4977	0.02	ng	0.00
27) Fluoranthene-d10	19.073	212	6023m	0.02	ng	0.00
31) Terphenyl-d14	19.718	244	3083	0.01	ng	0.03
Target Compounds						Qvalue
9) Naphthalene	10.457	128	18096	0.08	ng	99
12) 2-Methylnaphthalene	12.078	142	16746	0.11	ng	99
16) Acenaphthylene	13.989	152	27835	0.12	ng	# 97
17) Acenaphthene	14.332	154	309583	2.07	ng	99
18) Fluorene	15.322	166	310886	1.72	ng	98
24) Pentachlorophenol	16.689	266	182	0.34	ng	# 85
25) Phenanthrene	17.066	178	5174056	17.04	ng	99
26) Anthracene	17.163	178	2152870	7.94	ng	# 96
28) Fluoranthene	19.122	202	16557737	49.13	ng	97
30) Pyrene	19.485	202	15374058	49.16	ng	95
32) Benzo(a)anthracene	21.238	228	12264228	41.57	ng	# 94
33) Chrysene	21.301	228	11306742m	37.78	ng	
34) Bis(2-ethylhexyl)phtha...	21.174	149	73830	0.41	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.798	276	3127244	8.87	ng	97
37) Benzo(b)fluoranthene	22.851	252	13319018	37.08	ng	97
38) Benzo(k)fluoranthene	22.889	252	5411380m	15.68	ng	
39) Benzo(a)pyrene	23.429	252	8852109	27.54	ng	97
40) Dibenzo(a,h)anthracene	25.805	278	1014909	3.63	ng	95
41) Benzo(g,h,i)perylene	26.496	276	2349561	7.51	ng	99

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

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