Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016770.D
Acq On : 06 Oct 2021 08:42
Operator : CG/JU
Sample : M3892-15 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-1-1.5-092221

Manual Integrations APPROVED
mohammad
10/7/2021 8:32:08 AM

Quant Time: Oct 06 10:30:51 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	26783	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	124152	0.40	ng	# 0.00
13) Acenaphthene-d10	14.268	164	71791	0.40	ng	0.00
19) Phenanthrene-d10	17.029	188	141214	0.40	ng	0.00
29) Chrysene-d12	21.270	240	97594	0.40	ng	# 0.03
35) Perylene-d12	23.518	264	160749	0.40	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	2222	0.03	ng	0.00
5) Phenol-d6	6.821	99	2293	0.03	ng	0.00
8) Nitrobenzene-d5	8.784	82	2582	0.03	ng	0.00
11) 2-Methylnaphthalene-d10	12.002	152	5922	0.03	ng	0.00
14) 2,4,6-Tribromophenol	15.765	330	1202	0.15	ng	-0.01
15) 2-Fluorobiphenyl	12.885	172	7434	0.03	ng	-0.01
27) Fluoranthene-d10	19.072	212	13808m	0.04	ng	0.00
31) Terphenyl-d14	19.718	244	9407m	0.04	ng	0.03
Target Compounds						Qvalue
9) Naphthalene	10.457	128	44054	0.13	ng	99
12) 2-Methylnaphthalene	12.074	142	88128	0.41	ng	99
16) Acenaphthylene	13.989	152	30441	0.10	ng	# 88
17) Acenaphthene	14.332	154	965025	4.61	ng	99
18) Fluorene	15.321	166	1168076	4.62	ng	98
24) Pentachlorophenol	16.689	266	161	0.34	ng	# 74
25) Phenanthrene	17.078	178	13387577	32.25	ng	96
26) Anthracene	17.163	178	6146623	16.58	ng	# 96
28) Fluoranthene	19.112	202	25405644m	55.15	ng	
30) Pyrene	19.485	202	23923599m	74.55	ng	
32) Benzo(a)anthracene	21.248	228	21120196	69.77	ng	# 89
33) Chrysene	21.312	228	17945541	58.44	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.174	149	63926	0.35	ng	# 75
36) Indeno(1,2,3-cd)pyrene	25.815	276	5547769	10.87	ng	97
37) Benzo(b)fluoranthene	22.865	252	22312653	42.93	ng	95
38) Benzo(k)fluoranthene	22.899	252	7817046m	15.65	ng	
39) Benzo(a)pyrene	23.443	252	14491393	31.16	ng	96
40) Dibenzo(a,h)anthracene	25.822	278	1856778	4.59	ng	95
41) Benzo(g,h,i)perylene	26.513	276	4209284	9.29	ng	99

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

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