Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016771.D
Acq On : 06 Oct 2021 09:18
Operator : CG/JU
Sample : M3892-16MS 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
10/7/2021 8:32:11 AM

Quant Time: Oct 06 10:33:07 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	26236	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	121396	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	70228	0.40	ng	0.00
19) Phenanthrene-d10	17.030	188	138845	0.40	ng	0.00
29) Chrysene-d12	21.270	240	95084	0.40	ng	# 0.03
35) Perylene-d12	23.512	264	141900	0.40	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	1875	0.03	ng	0.02
5) Phenol-d6	6.822	99	1941	0.03	ng	0.00
8) Nitrobenzene-d5	8.785	82	1954m	0.02	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	6457m	0.04	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	1060	0.14	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	6119	0.02	ng	-0.01
27) Fluoranthene-d10	19.078	212	9524m	0.03	ng	0.01
31) Terphenyl-d14	19.718	244	8478m	0.04	ng	0.04
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.576	42	730	0.04	ng	# 89
6) bis(2-Chloroethyl)ether	7.080	93	2632	0.04	ng	97
9) Naphthalene	10.457	128	46537	0.14	ng	99
10) Hexachlorobutadiene	10.749	225	2021	0.03	ng	# 99
12) 2-Methylnaphthalene	12.074	142	80032	0.38	ng	100
16) Acenaphthylene	13.990	152	35838	0.12	ng	# 91
17) Acenaphthene	14.332	154	805434	3.93	ng	99
18) Fluorene	15.322	166	984890	3.99	ng	99
20) 4,6-Dinitro-2-methylph...	15.474	198	101	0.27	ng	# 1
21) 4-Bromophenyl-phenylether	16.227	248	2889	0.03	ng	# 85
22) Hexachlorobenzene	16.336	284	3163	0.03	ng	# 89
23) Atrazine	16.506	200	2418	0.04	ng	# 65
24) Pentachlorophenol	16.689	266	2724	0.40	ng	96
25) Phenanthrene	17.078	178	11569748	28.35	ng	97
26) Anthracene	17.164	178	5244474	14.39	ng	96
28) Fluoranthene	19.118	202	23434704m	51.74	ng	
30) Pyrene	19.490	202	21915916	70.10	ng	94
32) Benzo(a)anthracene	21.249	228	18571285	62.97	ng	# 93
33) Chrysene	21.302	228	15310465	51.18	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.174	149	62511	0.35	ng	# 78
36) Indeno(1,2,3-cd)pyrene	25.805	276	4262788	9.46	ng	97
37) Benzo(b)fluoranthene	22.862	252	18179437	39.62	ng	96
38) Benzo(k)fluoranthene	22.896	252	6830512m	15.49	ng	
39) Benzo(a)pyrene	23.437	252	11769043	28.67	ng	96
40) Dibenzo(a,h)anthracene	25.816	278	1439983	4.03	ng	96
41) Benzo(g,h,i)perylene	26.507	276	3200571	8.00	ng	99

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

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