Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016803.D
Acq On : 07 Oct 2021 06:44
Operator : CG/JU
Sample : M3945-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-816-N-SO-1-1.5-092421

Manual Integrations APPROVED
mohammad
10/7/2021 8:51:50 AM

Quant Time: Oct 07 07:16:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 14:22:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.633	152	17848	0.40	ng		0.00
7) Naphthalene-d8	10.394	136	84654	0.40	ng		-0.01
13) Acenaphthene-d10	14.269	164	49031	0.40	ng		0.00
19) Phenanthrene-d10	17.018	188	101689	0.40	ng		0.00
29) Chrysene-d12	21.228	240	102215	0.40	ng	#	0.00
35) Perylene-d12	23.481	264	117406	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	13027	0.29	ng		0.03
5) Phenol-d6	6.822	99	13658	0.27	ng		0.00
8) Nitrobenzene-d5	8.772	82	15711	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	11.994	152	36604	0.29	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	7278	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.886	172	47535	0.24	ng		0.00
27) Fluoranthene-d10	19.058	212	82007	0.29	ng		0.00
31) Terphenyl-d14	19.674	244	66938	0.29	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.445	128	10610	0.05	ng		96
12) 2-Methylnaphthalene	12.070	142	7508	0.05	ng		98
16) Acenaphthylene	13.977	152	14716	0.07	ng		96
17) Acenaphthene	14.320	154	27979	0.20	ng		100
18) Fluorene	15.322	166	31083m	0.18	ng		
25) Phenanthrene	17.054	178	1020528	3.41	ng		100
26) Anthracene	17.152	178	135192	0.51	ng	#	93
28) Fluoranthene	19.093	202	2538129	7.65	ng		99
30) Pyrene	19.455	202	2147953	6.39	ng	#	93
32) Benzo(a)anthracene	21.217	228	1236974	3.90	ng		98
33) Chrysene	21.270	228	1268806	3.95	ng		96
34) Bis(2-ethylhexyl)phtha...	21.164	149	1886429	9.81	ng		98
36) Indeno(1,2,3-cd)pyrene	25.757	276	962422	2.58	ng		96
37) Benzo(b)fluoranthene	22.807	252	2170490	5.72	ng		99
38) Benzo(k)fluoranthene	22.848	252	715807m	1.96	ng		
39) Benzo(a)pyrene	23.382	252	1397915	4.12	ng		99
40) Dibenzo(a,h)anthracene	25.771	278	221428	0.75	ng	#	95
41) Benzo(g,h,i)perylene	26.456	276	895437	2.71	ng		99

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

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