Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016802.D
Acq On : 07 Oct 2021 06:08
Operator : CG/JU
Sample : M3945-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-817-N-SO-1-1.5-092421

Manual Integrations APPROVED
mohammad
10/7/2021 8:51:47 AM

Quant Time: Oct 07 06:39:46 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	20875	0.40	ng		0.00
7) Naphthalene-d8	10.394	136	98971	0.40	ng		-0.01
13) Acenaphthene-d10	14.256	164	57687	0.40	ng		-0.01
19) Phenanthrene-d10	17.018	188	117434	0.40	ng		0.00
29) Chrysene-d12	21.228	240	115036	0.40	ng	#	0.00
35) Perylene-d12	23.481	264	120861	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	16601	0.31	ng		0.03
5) Phenol-d6	6.822	99	18252	0.31	ng		0.00
8) Nitrobenzene-d5	8.772	82	20937	0.30	ng		0.00
11) 2-Methylnaphthalene-d10	11.994	152	47650	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	10416	0.43	ng		0.00
15) 2-Fluorobiphenyl	12.886	172	59421	0.26	ng		0.00
27) Fluoranthene-d10	19.058	212	85890	0.27	ng		0.00
31) Terphenyl-d14	19.674	244	61660	0.24	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.445	128	33430	0.12	ng		98
12) 2-Methylnaphthalene	12.070	142	31589	0.18	ng		99
16) Acenaphthylene	13.977	152	50237	0.20	ng		96
17) Acenaphthene	14.320	154	8710	0.05	ng		92
18) Fluorene	15.322	166	12155	0.06	ng	#	86
24) Pentachlorophenol	16.677	266	365	0.35	ng		94
25) Phenanthrene	17.054	178	299679m	0.87	ng		
26) Anthracene	17.152	178	58868	0.19	ng	#	95
28) Fluoranthene	19.088	202	678118	1.77	ng		100
30) Pyrene	19.455	202	614518	1.62	ng	#	95
32) Benzo(a)anthracene	21.217	228	362595	1.02	ng		94
33) Chrysene	21.259	228	352122	0.97	ng		97
34) Bis(2-ethylhexyl)phtha...	21.164	149	43267	0.20	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.754	276	280150	0.73	ng		98
37) Benzo(b)fluoranthene	22.807	252	590861	1.51	ng		97
38) Benzo(k)fluoranthene	22.845	252	207705m	0.55	ng		
39) Benzo(a)pyrene	23.382	252	380069	1.09	ng		99
40) Dibenzo(a,h)anthracene	25.775	278	71654	0.24	ng	#	84
41) Benzo(g,h,i)perylene	26.456	276	252816	0.74	ng		98

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

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