Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016805.D
Acq On : 07 Oct 2021 07:55
Operator : CG/JU
Sample : M3945-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-816-N-SO-0-0.5-092421

Manual Integrations APPROVED
mohammad
10/8/2021 8:34:00 AM

Quant Time: Oct 07 08:28:55 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	21327	0.40	ng		0.00
7) Naphthalene-d8	10.394	136	102353	0.40	ng		-0.01
13) Acenaphthene-d10	14.256	164	59922	0.40	ng		-0.01
19) Phenanthrene-d10	17.017	188	121566	0.40	ng	#	0.00
29) Chrysene-d12	21.227	240	109978	0.40	ng	#	0.00
35) Perylene-d12	23.481	264	117070	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	11552	0.21	ng		0.03
5) Phenol-d6	6.822	99	14176	0.23	ng		0.00
8) Nitrobenzene-d5	8.772	82	18708	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	11.994	152	41139	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	8539	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.886	172	51929	0.22	ng		0.00
27) Fluoranthene-d10	19.058	212	72128	0.22	ng		0.00
31) Terphenyl-d14	19.673	244	51654	0.21	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.445	128	9511	0.03	ng		95
12) 2-Methylnaphthalene	12.069	142	5898	0.03	ng		97
16) Acenaphthylene	13.977	152	15373	0.06	ng		95
17) Acenaphthene	14.319	154	18023	0.10	ng		100
18) Fluorene	15.322	166	24476m	0.12	ng		
24) Pentachlorophenol	16.677	266	212	0.34	ng		92
25) Phenanthrene	17.054	178	841545	2.35	ng		100
26) Anthracene	17.151	178	148160	0.46	ng	#	92
28) Fluoranthene	19.093	202	2537389	6.40	ng		99
30) Pyrene	19.455	202	2203721	6.09	ng	#	94
32) Benzo(a)anthracene	21.217	228	1416894	4.15	ng		98
33) Chrysene	21.270	228	1439569	4.16	ng		96
34) Bis(2-ethylhexyl)phtha...	21.164	149	107696	0.52	ng		100
36) Indeno(1,2,3-cd)pyrene	25.757	276	869853	2.34	ng		97
37) Benzo(b)fluoranthene	22.810	252	2155214	5.69	ng		99
38) Benzo(k)fluoranthene	22.848	252	778340m	2.14	ng		
39) Benzo(a)pyrene	23.385	252	1284404	3.79	ng		99
40) Dibenzo(a,h)anthracene	25.771	278	208002	0.71	ng	#	94
41) Benzo(g,h,i)perylene	26.455	276	792700	2.40	ng		99

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

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