Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016804.D
Acq On : 07 Oct 2021 07:20
Operator : CG/JU
Sample : M3945-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-817-N-SO-0-0.5-092421

Manual Integrations APPROVED
mohammad
10/8/2021 8:33:57 AM

Quant Time: Oct 07 07:50:17 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	20144	0.40	ng		0.00
7) Naphthalene-d8	10.394	136	95729	0.40	ng		-0.01
13) Acenaphthene-d10	14.268	164	57569	0.40	ng		0.00
19) Phenanthrene-d10	17.017	188	115161	0.40	ng	#	0.00
29) Chrysene-d12	21.227	240	107646	0.40	ng	#	0.00
35) Perylene-d12	23.481	264	111867	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.272	112	14913	0.29	ng		0.03
5) Phenol-d6	6.821	99	17409	0.31	ng		0.00
8) Nitrobenzene-d5	8.771	82	22016	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	11.994	152	44747	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	10126	0.42	ng		0.00
15) 2-Fluorobiphenyl	12.885	172	54116	0.24	ng		0.00
27) Fluoranthene-d10	19.063	212	73303	0.23	ng		0.00
31) Terphenyl-d14	19.673	244	50743	0.21	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.444	128	15317	0.06	ng		97
12) 2-Methylnaphthalene	12.069	142	10869	0.07	ng		98
16) Acenaphthylene	13.977	152	13067	0.05	ng	#	93
17) Acenaphthene	14.319	154	17798	0.11	ng		99
18) Fluorene	15.322	166	17353	0.09	ng	#	96
24) Pentachlorophenol	16.677	266	510	0.35	ng		96
25) Phenanthrene	17.054	178	499837	1.48	ng		99
26) Anthracene	17.151	178	62420	0.21	ng	#	90
28) Fluoranthene	19.092	202	1112267	2.96	ng		100
30) Pyrene	19.455	202	945634	2.67	ng	#	95
32) Benzo(a)anthracene	21.217	228	493882	1.48	ng		98
33) Chrysene	21.270	228	531388	1.57	ng		96
34) Bis(2-ethylhexyl)phtha...	21.163	149	87789	0.43	ng		99
36) Indeno(1,2,3-cd)pyrene	25.754	276	323587	0.91	ng		99
37) Benzo(b)fluoranthene	22.806	252	791878	2.19	ng		99
38) Benzo(k)fluoranthene	22.848	252	278150m	0.80	ng		
39) Benzo(a)pyrene	23.378	252	485210	1.50	ng		99
40) Dibenzo(a,h)anthracene	25.764	278	75909	0.27	ng	#	83
41) Benzo(g,h,i)perylene	26.452	276	305435	0.97	ng		98

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

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