Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016486.D
Acq On : 25 Sep 2021 22:59
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
9/28/2021 1:36:58 PM

Quant Time: Sep 26 04:16:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	21819	0.40	ng		0.00
7) Naphthalene-d8	10.432	136	87806	0.40	ng		#-0.01
13) Acenaphthene-d10	14.294	164	42159	0.40	ng		0.00
19) Phenanthrene-d10	17.042	188	76951	0.40	ng		0.00
29) Chrysene-d12	21.249	240	74013	0.40	ng		# 0.00
35) Perylene-d12	23.515	264	64288	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	19697	0.40	ng		0.00
5) Phenol-d6	6.849	99	22614	0.39	ng		0.00
8) Nitrobenzene-d5	8.810	82	26531	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.030	152	51050	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	3794	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.911	172	71974	0.41	ng		-0.01
27) Fluoranthene-d10	19.088	212	77328	0.37	ng		0.00
31) Terphenyl-d14	19.698	244	68036	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	2607m	0.28	ng		
3) n-Nitrosodimethylamine	3.604	42	7001	0.31	ng	#	13
6) bis(2-Chloroethyl)ether	7.108	93	24611	0.42	ng		90
9) Naphthalene	10.483	128	92888	0.40	ng		99
10) Hexachlorobutadiene	10.774	225	20041	0.43	ng	#	99
12) 2-Methylnaphthalene	12.101	142	58819	0.40	ng		97
16) Acenaphthylene	14.002	152	73996	0.43	ng		100
17) Acenaphthene	14.358	154	47965	0.39	ng		94
18) Fluorene	15.347	166	57860	0.40	ng		98
20) 4,6-Dinitro-2-methylph...	15.436	198	875	0.25	ng	#	87
21) 4-Bromophenyl-phenylether	16.251	248	18553	0.41	ng	#	90
22) Hexachlorobenzene	16.348	284	20574	0.46	ng	#	89
23) Atrazine	16.519	200	7936	0.32	ng		93
24) Pentachlorophenol	16.701	266	4463	0.44	ng		98
25) Phenanthrene	17.091	178	93454	0.41	ng		99
26) Anthracene	17.176	178	73757	0.39	ng		99
28) Fluoranthene	19.118	202	102387	0.41	ng		98
30) Pyrene	19.480	202	98978	0.43	ng		99
32) Benzo(a)anthracene	21.238	228	80688	0.38	ng		100
33) Chrysene	21.291	228	100041	0.43	ng		99
34) Bis(2-ethylhexyl)phtha...	21.185	149	18334	0.31	ng		95
36) Indeno(1,2,3-cd)pyrene	25.816	276	72816	0.35	ng		98
37) Benzo(b)fluoranthene	22.834	252	75598	0.35	ng		97
38) Benzo(k)fluoranthene	22.879	252	91711	0.44	ng		99
39) Benzo(a)pyrene	23.416	252	63504	0.36	ng	#	96
40) Dibenzo(a,h)anthracene	25.833	278	59190	0.33	ng		96
41) Benzo(g,h,i)perylene	26.510	276	57868	0.32	ng		94

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

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