Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040221\
Data File : BN014187.D
Acq On : 02 Apr 2021 12:13
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
mohammad
4/5/2021 11:56:01 AM

Quant Time: Apr 02 14:35:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 14:32:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	4163	0.40	ng		0.00
7) Naphthalene-d8	10.454	136	15212	0.40	ng		0.00
13) Acenaphthene-d10	14.308	164	8606	0.40	ng		-0.01
19) Phenanthrene-d10	17.055	188	18035	0.40	ng		0.00
29) Chrysene-d12	21.247	240	20348	0.40	ng		0.00
36) Perylene-d12	23.466	264	21273	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	2501	0.23	ng		0.00
5) Phenol-d6	6.855	99	3123	0.23	ng		0.00
8) Nitrobenzene-d5	8.832	82	2325	0.22	ng		0.00
11) 2-Methylnaphthalene-d10	12.053	152	6646	0.29	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	649	0.23	ng		0.00
15) 2-Fluorobiphenyl	12.938	172	6486	0.20	ng		0.00
27) Fluoranthene-d10	19.096	212	14738	0.31	ng		0.00
31) Terphenyl-d14	19.697	244	9037	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	1141	0.21	ng		96
3) n-Nitrosodimethylamine	3.577	42	677	0.16	ng	#	96
6) bis(2-Chloroethyl)ether	7.112	93	2374	0.22	ng		99
9) Naphthalene	10.505	128	8236	0.22	ng		98
10) Hexachlorobutadiene	10.796	225	1560	0.23	ng	#	99
12) 2-Methylnaphthalene	12.124	142	5429	0.22	ng		99
16) Acenaphthylene	14.029	152	6733	0.20	ng		99
17) Acenaphthene	14.372	154	4881	0.20	ng		98
18) Fluorene	15.361	166	6303	0.22	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	476	0.21	ng	#	51
21) 4-Bromophenyl-phenylether	16.264	248	2017	0.22	ng		98
22) Hexachlorobenzene	16.373	284	2228	0.22	ng		99
23) Atrazine	16.532	200	1447	0.23	ng		96
24) Pentachlorophenol	16.714	266	496	0.15	ng		90
25) Phenanthrene	17.104	178	10765	0.22	ng		100
26) Anthracene	17.189	178	8857	0.22	ng		100
28) Fluoranthene	19.126	202	12694	0.25	ng		100
30) Pyrene	19.488	202	13458	0.20	ng		100
32) Benzo(a)anthracene	21.237	228	13055	0.23	ng		99
33) Chrysene	21.279	228	13507	0.22	ng		99
34) Bis(2-ethylhexyl)phtha...	21.173	149	6524	0.38	ng		99
35) Indeno(1,2,3-cd)pyrene	25.691	276	17461	0.27	ng		100
37) Benzo(b)fluoranthene	22.802	252	15440m	0.21	ng		
38) Benzo(k)fluoranthene	22.843	252	14683	0.20	ng		94
39) Benzo(a)pyrene	23.370	252	13619	0.21	ng	#	92
40) Dibenzo(a,h)anthracene	25.704	278	14740	0.22	ng		96
41) Benzo(g,h,i)perylene	26.372	276	15513	0.22	ng		98

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

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