Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101821\
Data File : BN016983.D
Acq On : 18 Oct 2021 11:29
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
mohammad
10/19/2021 12:11:29 PM

Quant Time: Oct 18 13:24:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 13:18:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.598	152	16469	0.40	ng		0.00
7) Naphthalene-d8	10.370	136	74591	0.40	ng		0.00
13) Acenaphthene-d10	14.232	164	39482	0.40	ng		0.00
19) Phenanthrene-d10	16.982	188	75659	0.40	ng		0.00
29) Chrysene-d12	21.186	240	69819	0.40	ng		0.00
35) Perylene-d12	23.407	264	69137	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.219	112	6865	0.17	ng		0.00
5) Phenol-d6	6.786	99	7511	0.16	ng		0.00
8) Nitrobenzene-d5	8.748	82	8999	0.19	ng		0.00
11) 2-Methylnaphthalene-d10	11.964	152	22001	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.729	330	2484	0.14	ng		0.00
15) 2-Fluorobiphenyl	12.849	172	31692	0.21	ng		0.00
27) Fluoranthene-d10	19.020	212	36577	0.19	ng		0.00
31) Terphenyl-d14	19.635	244	32562	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	2392m	0.22	ng		
3) n-Nitrosodimethylamine	3.531	42	2480	0.18	ng		96
6) bis(2-Chloroethyl)ether	7.044	93	9709	0.21	ng		99
9) Naphthalene	10.421	128	41503	0.20	ng		100
10) Hexachlorobutadiene	10.712	225	8264	0.22	ng	#	100
12) 2-Methylnaphthalene	12.040	142	26488	0.21	ng		100
16) Acenaphthylene	13.953	152	29765	0.18	ng		100
17) Acenaphthene	14.295	154	23037	0.21	ng		99
18) Fluorene	15.285	166	26901	0.20	ng		100
20) 4,6-Dinitro-2-methylph...	15.374	198	665	0.06	ng	#	81
21) 4-Bromophenyl-phenylether	16.179	248	8545	0.19	ng		98
22) Hexachlorobenzene	16.289	284	10468	0.20	ng		99
23) Atrazine	16.459	200	4579	0.15	ng		99
24) Pentachlorophenol	16.642	266	1569	0.09	ng		99
25) Phenanthrene	17.019	178	44577	0.21	ng		100
26) Anthracene	17.116	178	33380	0.18	ng		100
28) Fluoranthene	19.049	202	46319	0.20	ng		100
30) Pyrene	19.412	202	45937	0.21	ng		100
32) Benzo(a)anthracene	21.165	228	38374	0.18	ng		99
33) Chrysene	21.218	228	48316	0.21	ng		100
34) Bis(2-ethylhexyl)phtha...	21.123	149	12980	0.13	ng		100
36) Indeno(1,2,3-cd)pyrene	25.649	276	46468	0.18	ng		99
37) Benzo(b)fluoranthene	22.740	252	44843	0.20	ng		99
38) Benzo(k)fluoranthene	22.784	252	45758	0.20	ng		98
39) Benzo(a)pyrene	23.308	252	38343	0.19	ng		99
40) Dibenzo(a,h)anthracene	25.666	278	36271	0.18	ng		99
41) Benzo(g,h,i)perylene	26.330	276	42345	0.19	ng		99

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

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