Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101821\
Data File : BN016982.D
Acq On : 18 Oct 2021 10:53
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
mohammad
10/19/2021 12:11:25 PM

Quant Time: Oct 18 13:22:58 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	16830	0.40	ng		0.00
7) Naphthalene-d8	10.370	136	75993	0.40	ng		0.00
13) Acenaphthene-d10	14.232	164	39857	0.40	ng		0.00
19) Phenanthrene-d10	16.982	188	76441	0.40	ng		0.00
29) Chrysene-d12	21.186	240	67811	0.40	ng		0.00
35) Perylene-d12	23.407	264	70497	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.210	112	3223	0.08	ng		0.00
5) Phenol-d6	6.786	99	3524	0.08	ng		0.00
8) Nitrobenzene-d5	8.748	82	4127	0.09	ng		0.00
11) 2-Methylnaphthalene-d10	11.964	152	10414	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.729	330	1047	0.06	ng		0.00
15) 2-Fluorobiphenyl	12.849	172	15043	0.10	ng		0.00
27) Fluoranthene-d10	19.020	212	16890	0.09	ng		0.00
31) Terphenyl-d14	19.635	244	14847	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	1118m	0.10	ng		
3) n-Nitrosodimethylamine	3.531	42	1140	0.08	ng		98
6) bis(2-Chloroethyl)ether	7.044	93	4680	0.10	ng		99
9) Naphthalene	10.421	128	20308	0.09	ng		100
10) Hexachlorobutadiene	10.700	225	4028	0.10	ng	#	100
12) 2-Methylnaphthalene	12.040	142	12702	0.10	ng		99
16) Acenaphthylene	13.940	152	13318	0.08	ng		100
17) Acenaphthene	14.295	154	10983	0.10	ng		100
18) Fluorene	15.285	166	12505	0.09	ng		100
20) 4,6-Dinitro-2-methylph...	15.387	198	228	0.02	ng	#	37
21) 4-Bromophenyl-phenylether	16.179	248	3934	0.09	ng		97
22) Hexachlorobenzene	16.289	284	4982	0.09	ng		99
23) Atrazine	16.459	200	2061	0.06	ng		97
24) Pentachlorophenol	16.642	266	621	0.04	ng		99
25) Phenanthrene	17.019	178	21381	0.10	ng		100
26) Anthracene	17.116	178	15442	0.08	ng		100
28) Fluoranthene	19.049	202	21151	0.09	ng		99
30) Pyrene	19.412	202	21291	0.10	ng		100
32) Benzo(a)anthracene	21.165	228	17585	0.09	ng		100
33) Chrysene	21.218	228	23141	0.11	ng		100
34) Bis(2-ethylhexyl)phtha...	21.123	149	6468	0.07	ng		100
36) Indeno(1,2,3-cd)pyrene	25.649	276	21497	0.08	ng		99
37) Benzo(b)fluoranthene	22.740	252	20184	0.09	ng		97
38) Benzo(k)fluoranthene	22.784	252	21247	0.09	ng	#	95
39) Benzo(a)pyrene	23.308	252	17017	0.08	ng		95
40) Dibenzo(a,h)anthracene	25.670	278	16469	0.08	ng		96
41) Benzo(g,h,i)perylene	26.330	276	19880	0.09	ng		99

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

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