Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101821\
Data File : BN016985.D
Acq On : 18 Oct 2021 12:41
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Oct 18 13:26:16 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	7.607	152	17436	0.40	ng		0.00
7) Naphthalene-d8	10.370	136	78022	0.40	ng		0.00
13) Acenaphthene-d10	14.232	164	42001	0.40	ng		0.00
19) Phenanthrene-d10	16.983	188	77967	0.40	ng		0.00
29) Chrysene-d12	21.186	240	79782	0.40	ng		0.00
35) Perylene-d12	23.411	264	74870	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.210	112	29587	0.68	ng		0.00
5) Phenol-d6	6.786	99	34175	0.71	ng		0.00
8) Nitrobenzene-d5	8.748	82	40047	0.81	ng		0.00
11) 2-Methylnaphthalene-d10	11.964	152	90089	0.82	ng		0.00
14) 2,4,6-Tribromophenol	15.729	330	13337	0.71	ng		0.00
15) 2-Fluorobiphenyl	12.849	172	128493	0.80	ng		0.00
27) Fluoranthene-d10	19.020	212	161507	0.81	ng		0.00
31) Terphenyl-d14	19.630	244	142183	0.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.200	88	9211	0.82	ng		98
3) n-Nitrosodimethylamine	3.522	42	11147	0.78	ng	#	100
6) bis(2-Chloroethyl)ether	7.045	93	39965	0.83	ng		100
9) Naphthalene	10.421	128	163629	0.74	ng		100
10) Hexachlorobutadiene	10.712	225	32301	0.81	ng	#	100
12) 2-Methylnaphthalene	12.040	142	107087	0.82	ng		99
16) Acenaphthylene	13.953	152	141912	0.82	ng		100
17) Acenaphthene	14.296	154	94318	0.80	ng		99
18) Fluorene	15.285	166	114870	0.82	ng		100
20) 4,6-Dinitro-2-methylph...	15.374	198	5381	0.48	ng	#	92
21) 4-Bromophenyl-phenylether	16.179	248	38005	0.81	ng		98
22) Hexachlorobenzene	16.289	284	42958	0.80	ng		100
23) Atrazine	16.459	200	23596	0.73	ng		99
24) Pentachlorophenol	16.642	266	10304	0.60	ng		100
25) Phenanthrene	17.019	178	184428	0.83	ng		100
26) Anthracene	17.116	178	156071	0.82	ng		100
28) Fluoranthene	19.050	202	207050	0.85	ng		100
30) Pyrene	19.412	202	203206	0.80	ng		100
32) Benzo(a)anthracene	21.176	228	195412	0.80	ng		97
33) Chrysene	21.218	228	211619	0.82	ng		100
34) Bis(2-ethylhexyl)phtha...	21.123	149	67633	0.59	ng		100
36) Indeno(1,2,3-cd)pyrene	25.653	276	212659	0.77	ng		100
37) Benzo(b)fluoranthene	22.743	252	201937	0.81	ng		100
38) Benzo(k)fluoranthene	22.784	252	204792	0.83	ng		100
39) Benzo(a)pyrene	23.311	252	176066	0.80	ng		99
40) Dibenzo(a,h)anthracene	25.670	278	171507	0.76	ng		99
41) Benzo(g,h,i)perylene	26.334	276	186841	0.76	ng		100

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

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