Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101821\
Data File : BN016984.D
Acq On : 18 Oct 2021 12:05
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Oct 18 13:18:50 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	17819	0.40	ng		0.00
7) Naphthalene-d8	10.370	136	79284	0.40	ng		0.00
13) Acenaphthene-d10	14.232	164	42309	0.40	ng		0.00
19) Phenanthrene-d10	16.982	188	78664	0.40	ng		0.00
29) Chrysene-d12	21.186	240	77787	0.40	ng		0.00
35) Perylene-d12	23.407	264	72856	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.209	112	13688	0.31	ng		0.00
5) Phenol-d6	6.786	99	15409	0.31	ng		0.00
8) Nitrobenzene-d5	8.747	82	18072	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.964	152	43134	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.729	330	5445	0.29	ng		0.00
15) 2-Fluorobiphenyl	12.849	172	62032	0.39	ng		0.00
27) Fluoranthene-d10	19.019	212	74290	0.37	ng		0.00
31) Terphenyl-d14	19.635	244	66310	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	4230	0.37	ng		100
3) n-Nitrosodimethylamine	3.531	42	5087	0.35	ng		99
6) bis(2-Chloroethyl)ether	7.044	93	19146	0.39	ng		100
9) Naphthalene	10.420	128	79811	0.36	ng		100
10) Hexachlorobutadiene	10.712	225	15835	0.39	ng	#	100
12) 2-Methylnaphthalene	12.039	142	51718	0.39	ng		100
16) Acenaphthylene	13.953	152	62360	0.36	ng		100
17) Acenaphthene	14.295	154	44780	0.38	ng		100
18) Fluorene	15.285	166	53691	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.374	198	1790	0.16	ng		100
21) 4-Bromophenyl-phenylether	16.179	248	17394	0.37	ng		100
22) Hexachlorobenzene	16.288	284	20449	0.38	ng		100
23) Atrazine	16.459	200	9858	0.30	ng		100
24) Pentachlorophenol	16.641	266	3886	0.23	ng		100
25) Phenanthrene	17.019	178	87896	0.39	ng		100
26) Anthracene	17.116	178	69621	0.36	ng		100
28) Fluoranthene	19.049	202	95663	0.39	ng		100
30) Pyrene	19.411	202	93230	0.38	ng		100
32) Benzo(a)anthracene	21.165	228	83819	0.35	ng		100
33) Chrysene	21.218	228	98482	0.39	ng		100
34) Bis(2-ethylhexyl)phtha...	21.122	149	26978	0.24	ng		100
36) Indeno(1,2,3-cd)pyrene	25.649	276	93296	0.35	ng		100
37) Benzo(b)fluoranthene	22.743	252	92199	0.38	ng		100
38) Benzo(k)fluoranthene	22.784	252	92273	0.39	ng		100
39) Benzo(a)pyrene	23.311	252	78365	0.37	ng		100
40) Dibenzo(a,h)anthracene	25.669	278	74095	0.34	ng		100
41) Benzo(g,h,i)perylene	26.333	276	84633	0.36	ng		100

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

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