Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
Data File : BN016906.D
Acq On : 12 Oct 2021 19:59
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Oct 13 01:53:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 01:50:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.688	152	19399	0.40	ng		0.00
7) Naphthalene-d8	10.457	136	85138	0.40	ng		0.00
13) Acenaphthene-d10	14.294	164	44682	0.40	ng		0.00
19) Phenanthrene-d10	17.042	188	80418	0.40	ng		0.00
29) Chrysene-d12	21.227	240	79591	0.40	ng		0.00
35) Perylene-d12	23.471	264	80886	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	35693	0.72	ng		0.00
5) Phenol-d6	6.868	99	39482	0.71	ng		0.00
8) Nitrobenzene-d5	8.822	82	42920	0.75	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	96337	0.78	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	14591	0.67	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	137088	0.80	ng		0.00
27) Fluoranthene-d10	19.073	212	165074	0.78	ng		0.00
31) Terphenyl-d14	19.678	244	140934	0.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.272	88	10235	0.71	ng		87
3) n-Nitrosodimethylamine	3.604	42	12115	0.76	ng		99
6) bis(2-Chloroethyl)ether	7.126	93	43151	0.79	ng		100
9) Naphthalene	10.495	128	177916	0.77	ng		100
10) Hexachlorobutadiene	10.787	225	35548	0.82	ng	#	100
12) 2-Methylnaphthalene	12.114	142	113965	0.79	ng		100
16) Acenaphthylene	14.015	152	148492	0.78	ng		100
17) Acenaphthene	14.358	154	100012	0.79	ng		99
18) Fluorene	15.347	166	119089	0.78	ng		100
20) 4,6-Dinitro-2-methylph...	15.436	198	7793	0.69	ng		95
21) 4-Bromophenyl-phenylether	16.239	248	38434	0.80	ng		98
22) Hexachlorobenzene	16.348	284	44752	0.82	ng		99
23) Atrazine	16.519	200	25642	0.73	ng		99
24) Pentachlorophenol	16.689	266	13511	0.61	ng		100
25) Phenanthrene	17.078	178	184602	0.80	ng		100
26) Anthracene	17.164	178	163049	0.80	ng		100
28) Fluoranthene	19.103	202	207895	0.82	ng		100
30) Pyrene	19.465	202	204623	0.78	ng		100
32) Benzo(a)anthracene	21.217	228	198513	0.78	ng		99
33) Chrysene	21.259	228	211124	0.81	ng		97
34) Bis(2-ethylhexyl)phtha...	21.164	149	79846	0.57	ng		100
36) Indeno(1,2,3-cd)pyrene	25.744	276	255059	0.80	ng		99
37) Benzo(b)fluoranthene	22.796	252	218113	0.81	ng		100
38) Benzo(k)fluoranthene	22.841	252	211831	0.79	ng		98
39) Benzo(a)pyrene	23.371	252	195756	0.80	ng		99
40) Dibenzo(a,h)anthracene	25.764	278	207988	0.80	ng		99
41) Benzo(g,h,i)perylene	26.435	276	218099	0.80	ng		100

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

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