Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016811.D
Acq On : 07 Oct 2021 16:25
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Oct 07 18:26:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 18:25:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.614	152	17535	0.40	ng		0.00
7) Naphthalene-d8	10.381	136	77801	0.40	ng		0.00
13) Acenaphthene-d10	14.243	164	40824	0.40	ng		0.00
19) Phenanthrene-d10	17.005	188	76172	0.40	ng		0.00
29) Chrysene-d12	21.217	240	77115	0.40	ng	#	0.00
35) Perylene-d12	23.453	264	84356	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.226	112	4402	0.10	ng		0.00
5) Phenol-d6	6.803	99	4742	0.10	ng		0.00
8) Nitrobenzene-d5	8.759	82	4946	0.09	ng		0.00
11) 2-Methylnaphthalene-d10	11.980	152	11284	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.753	330	1598	0.09	ng		0.00
15) 2-Fluorobiphenyl	12.873	172	16948	0.10	ng		0.00
27) Fluoranthene-d10	19.043	212	19897	0.10	ng		0.00
31) Terphenyl-d14	19.658	244	18463	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	807	0.10	ng	#	33
3) n-Nitrosodimethylamine	3.548	42	1202	0.09	ng	#	1
6) bis(2-Chloroethyl)ether	7.052	93	4849	0.10	ng		100
9) Naphthalene	10.432	128	21584	0.10	ng		99
10) Hexachlorobutadiene	10.723	225	4072	0.10	ng	#	99
12) 2-Methylnaphthalene	12.056	142	13499	0.10	ng		100
16) Acenaphthylene	13.964	152	15400	0.09	ng		100
17) Acenaphthene	14.307	154	11633	0.10	ng		99
18) Fluorene	15.309	166	13514	0.09	ng		99
20) 4,6-Dinitro-2-methylph...	15.398	198	602	0.11	ng	#	88
21) 4-Bromophenyl-phenylether	16.202	248	4367	0.09	ng		98
22) Hexachlorobenzene	16.311	284	5404	0.10	ng		98
23) Atrazine	16.482	200	3160	0.09	ng		97
24) Pentachlorophenol	16.664	266	1400	0.10	ng		99
25) Phenanthrene	17.042	178	22074	0.10	ng		100
26) Anthracene	17.139	178	17577	0.09	ng		100
28) Fluoranthene	19.073	202	24178	0.10	ng		99
30) Pyrene	19.440	202	24833	0.10	ng		100
32) Benzo(a)anthracene	21.195	228	24180	0.10	ng		98
33) Chrysene	21.248	228	25076	0.10	ng		99
34) Bis(2-ethylhexyl)phtha...	21.153	149	12925	0.09	ng		99
36) Indeno(1,2,3-cd)pyrene	25.719	276	33010	0.12	ng		96
37) Benzo(b)fluoranthene	22.779	252	27054	0.10	ng		96
38) Benzo(k)fluoranthene	22.824	252	27373	0.10	ng	#	87
39) Benzo(a)pyrene	23.354	252	24704	0.10	ng		94
40) Dibenzo(a,h)anthracene	25.740	278	26817	0.13	ng	#	94
41) Benzo(g,h,i)perylene	26.407	276	29263	0.12	ng		99

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

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