Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016723.D
Acq On : 04 Oct 2021 23:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 05 03:35:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	26109	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	116210	0.40	ng		0.00
13) Acenaphthene-d10	14.269	164	61216	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	115894	0.40	ng		0.00
29) Chrysene-d12	21.238	240	115135	0.40	ng		0.00
35) Perylene-d12	23.495	264	121122	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	25490	0.38	ng		0.00
5) Phenol-d6	6.822	99	28426	0.38	ng		0.00
8) Nitrobenzene-d5	8.784	82	28112	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	65640	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.779	330	10159	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	91700	0.37	ng		0.00
27) Fluoranthene-d10	19.068	212	118452	0.37	ng		0.00
31) Terphenyl-d14	19.683	244	99887	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	4532	0.37	ng	#	65
3) n-Nitrosodimethylamine	3.594	42	7368	0.37	ng	#	99
6) bis(2-Chloroethyl)ether	7.080	93	27851	0.39	ng		99
9) Naphthalene	10.457	128	119531	0.38	ng		100
10) Hexachlorobutadiene	10.749	225	22610	0.38	ng	#	100
12) 2-Methylnaphthalene	12.078	142	77888	0.39	ng		99
16) Acenaphthylene	13.990	152	99472	0.37	ng		100
17) Acenaphthene	14.332	154	67474	0.38	ng		100
18) Fluorene	15.322	166	82262	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.423	198	2377	0.51	ng	#	69
21) 4-Bromophenyl-phenylether	16.226	248	26268	0.37	ng		98
22) Hexachlorobenzene	16.336	284	30337	0.38	ng		100
23) Atrazine	16.506	200	19013	0.34	ng		99
24) Pentachlorophenol	16.689	266	8231	0.55	ng		99
25) Phenanthrene	17.066	178	129125	0.38	ng		100
26) Anthracene	17.164	178	111018	0.36	ng		100
28) Fluoranthene	19.098	202	146341	0.39	ng		100
30) Pyrene	19.465	202	146985	0.39	ng		100
32) Benzo(a)anthracene	21.217	228	139389	0.39	ng		100
33) Chrysene	21.270	228	146208	0.40	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	68331	0.32	ng		100
36) Indeno(1,2,3-cd)pyrene	25.774	276	174036	0.45	ng		99
37) Benzo(b)fluoranthene	22.814	252	152224	0.39	ng		100
38) Benzo(k)fluoranthene	22.858	252	151102	0.40	ng		98
39) Benzo(a)pyrene	23.392	252	138785	0.40	ng		99
40) Dibenzo(a,h)anthracene	25.798	278	139294	0.46	ng		98
41) Benzo(g,h,i)perylene	26.473	276	151830	0.44	ng		99

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

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