Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016742.D
Acq On : 05 Oct 2021 11:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 05 12:32:25 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	7.643	152	25361	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	111420	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	56699	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	105821	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	108838	0.400	ng	# 0.00
35) Perylene-d12	23.491	264	116474	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	24463	0.378	ng	0.00
5) Phenol-d6	6.822	99	26914	0.375	ng	0.00
8) Nitrobenzene-d5	8.785	82	27348	0.350	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	61389	0.370	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9291	0.401	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	87348	0.385	ng	-0.01
27) Fluoranthene-d10	19.068	212	107494	0.371	ng	0.00
31) Terphenyl-d14	19.679	244	92732	0.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	4562	0.385	ng	# 72
3) n-Nitrosodimethylamine	3.576	42	7172	0.375	ng	100
6) bis(2-Chloroethyl)ether	7.080	93	26959	0.391	ng	100
9) Naphthalene	10.457	128	114945	0.377	ng	100
10) Hexachlorobutadiene	10.749	225	21751	0.382	ng	# 100
12) 2-Methylnaphthalene	12.078	142	73991	0.382	ng	99
16) Acenaphthylene	13.990	152	91078	0.364	ng	100
17) Acenaphthene	14.332	154	62925	0.380	ng	100
18) Fluorene	15.322	166	76033	0.381	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	1968	0.486	ng	# 71
21) 4-Bromophenyl-phenylether	16.227	248	23824	0.370	ng	# 89
22) Hexachlorobenzene	16.336	284	28339	0.388	ng	100
23) Atrazine	16.507	200	16685	0.327	ng	97
24) Pentachlorophenol	16.677	266	8444	0.576	ng	99
25) Phenanthrene	17.066	178	120358	0.387	ng	100
26) Anthracene	17.152	178	100557	0.362	ng	100
28) Fluoranthene	19.098	202	135190	0.392	ng	100
30) Pyrene	19.460	202	135232	0.378	ng	100
32) Benzo(a)anthracene	21.217	228	129548	0.384	ng	98
33) Chrysene	21.270	228	137924	0.403	ng	99
34) Bis(2-ethylhexyl)phtha...	21.174	149	52655	0.257	ng	100
36) Indeno(1,2,3-cd)pyrene	25.774	276	170286	0.461	ng	99
37) Benzo(b)fluoranthene	22.810	252	144545	0.384	ng	99
38) Benzo(k)fluoranthene	22.855	252	146349	0.404	ng	98
39) Benzo(a)pyrene	23.392	252	131227	0.389	ng	99
40) Dibenzo(a,h)anthracene	25.792	278	136493	0.465	ng	98
41) Benzo(g,h,i)perylene	26.466	276	146225	0.445	ng	100

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

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