Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101421\
Data File : BN016965.D
Acq On : 15 Oct 2021 00:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 15 01:49:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 17:01:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	20709	0.40	ng	0.00
7) Naphthalene-d8	10.381	136	90594	0.40	ng	0.00
13) Acenaphthene-d10	14.243	164	46932	0.40	ng	0.00
19) Phenanthrene-d10	16.993	188	86646	0.40	ng	0.00
29) Chrysene-d12	21.195	240	87095	0.40	ng	# 0.00
35) Perylene-d12	23.419	264	90559	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.217	112	18583	0.36	ng	0.00
5) Phenol-d6	6.794	99	20537	0.36	ng	0.00
8) Nitrobenzene-d5	8.759	82	20009	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.971	152	49320	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.740	330	7068	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.860	172	71002	0.40	ng	0.00
27) Fluoranthene-d10	19.028	212	84184	0.38	ng	0.00
31) Terphenyl-d14	19.638	244	76157	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.207	88	4926	0.37	ng	# 46
3) n-Nitrosodimethylamine	3.539	42	6266	0.37	ng	100
6) bis(2-Chloroethyl)ether	7.052	93	22571	0.39	ng	99
9) Naphthalene	10.432	128	94553	0.37	ng	100
10) Hexachlorobutadiene	10.710	225	18082	0.39	ng	# 100
12) 2-Methylnaphthalene	12.047	142	60230	0.40	ng	99
16) Acenaphthylene	13.951	152	71945	0.37	ng	100
17) Acenaphthene	14.306	154	51174	0.39	ng	100
18) Fluorene	15.296	166	62057	0.40	ng	100
20) 4,6-Dinitro-2-methylph...	15.385	198	2885	0.40	ng	99
21) 4-Bromophenyl-phenylether	16.190	248	20061	0.39	ng	98
22) Hexachlorobenzene	16.299	284	23882	0.40	ng	99
23) Atrazine	16.470	200	12175	0.34	ng	99
24) Pentachlorophenol	16.640	266	6069	0.41	ng	100
25) Phenanthrene	17.029	178	100055	0.40	ng	100
26) Anthracene	17.115	178	81565	0.38	ng	100
28) Fluoranthene	19.058	202	110613	0.41	ng	100
30) Pyrene	19.420	202	110613	0.40	ng	100
32) Benzo(a)anthracene	21.174	228	103604	0.39	ng	99
33) Chrysene	21.227	228	115241	0.41	ng	98
34) Bis(2-ethylhexyl)phtha...	21.131	149	35859	0.38	ng	100
36) Indeno(1,2,3-cd)pyrene	25.664	276	135638	0.41	ng	99
37) Benzo(b)fluoranthene	22.748	252	113545	0.38	ng	100
38) Benzo(k)fluoranthene	22.793	252	119891	0.40	ng	98
39) Benzo(a)pyrene	23.320	252	101682	0.38	ng	99
40) Dibenzo(a,h)anthracene	25.688	278	110142	0.41	ng	99
41) Benzo(g,h,i)perylene	26.352	276	117158	0.40	ng	100

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

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