Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072421\
Data File : BN015672.D
Acq On : 23 Jul 2021 17:51
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 23 18:21:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 14:45:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.744	152	13302	0.400	ng		0.00
7) Naphthalene-d8	10.521	136	57796	0.400	ng		0.00
13) Acenaphthene-d10	14.370	164	29194	0.400	ng		0.00
19) Phenanthrene-d10	17.115	188	53896	0.400	ng		0.00
29) Chrysene-d12	21.312	240	47489	0.400	ng		0.00
35) Perylene-d12	23.625	264	44793	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.346	112	11758	0.367	ng		0.00
5) Phenol-d6	6.914	99	13746	0.366	ng		0.00
8) Nitrobenzene-d5	8.886	82	13864	0.342	ng		0.00
11) 2-Methylnaphthalene-d10	12.114	152	33039	0.384	ng		0.00
14) 2,4,6-Tribromophenol	15.867	330	3441	0.379	ng		0.00
15) 2-Fluorobiphenyl	13.000	172	46845	0.394	ng		0.00
27) Fluoranthene-d10	19.157	212	52887	0.368	ng		0.00
31) Terphenyl-d14	19.763	244	44668	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	1534	0.387	ng		98
3) n-Nitrosodimethylamine	3.650	42	3686	0.376	ng		98
6) bis(2-Chloroethyl)ether	7.172	93	14994	0.397	ng		100
9) Naphthalene	10.571	128	60023	0.391	ng		100
10) Hexachlorobutadiene	10.863	225	11462	0.393	ng	#	99
12) 2-Methylnaphthalene	12.189	142	38802	0.392	ng		99
16) Acenaphthylene	14.091	152	44831	0.368	ng		100
17) Acenaphthene	14.434	154	33171	0.391	ng		99
18) Fluorene	15.423	166	39561	0.391	ng		100
20) 4,6-Dinitro-2-methylph...	15.512	198	837	0.375	ng		97
21) 4-Bromophenyl-phenylether	16.312	248	12119	0.386	ng		99
22) Hexachlorobenzene	16.433	284	14593	0.409	ng		100
23) Atrazine	16.592	200	6912	0.370	ng		100
24) Pentachlorophenol	16.774	266	2237	0.385	ng		99
25) Phenanthrene	17.164	178	64885	0.399	ng		100
26) Anthracene	17.249	178	50222	0.372	ng		100
28) Fluoranthene	19.187	202	69522	0.396	ng		100
30) Pyrene	19.549	202	67597	0.396	ng		100
32) Benzo(a)anthracene	21.302	228	54137	0.364	ng		100
33) Chrysene	21.355	228	67522	0.410	ng		99
34) Bis(2-ethylhexyl)phtha...	21.238	149	16927	0.416	ng		99
36) Indeno(1,2,3-cd)pyrene	25.993	276	66607	0.410	ng		99
37) Benzo(b)fluoranthene	22.927	252	62248	0.370	ng		99
38) Benzo(k)fluoranthene	22.971	252	67293	0.399	ng		100
39) Benzo(a)pyrene	23.526	252	51851	0.380	ng		99
40) Dibenzo(a,h)anthracene	26.011	278	51547	0.404	ng		99
41) Benzo(g,h,i)perylene	26.719	276	55565	0.374	ng		100

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

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