Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040921\
Data File : BN014257.D
Acq On : 09 Apr 2021 19:25
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Apr 10 00:34:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 09 15:06:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	5675	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	20541	0.40	ng		0.00
13) Acenaphthene-d10	14.346	164	11290	0.40	ng		0.00
19) Phenanthrene-d10	17.092	188	24182	0.40	ng		0.00
29) Chrysene-d12	21.282	240	23410	0.40	ng		# 0.00
36) Perylene-d12	23.513	264	21274	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.316	112	5891	0.44	ng		0.00
5) Phenol-d6	6.879	99	7385	0.44	ng		0.00
8) Nitrobenzene-d5	8.857	82	5394	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.084	152	14422	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.830	330	1636	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	19193	0.46	ng		0.00
27) Fluoranthene-d10	19.124	212	30383	0.43	ng		0.00
31) Terphenyl-d14	19.724	244	24398	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	3398	0.47	ng		93
3) n-Nitrosodimethylamine	3.649	42	1067	0.32	ng	#	92
6) bis(2-Chloroethyl)ether	7.144	93	6091	0.44	ng		98
9) Naphthalene	10.543	128	23458	0.46	ng		100
10) Hexachlorobutadiene	10.834	225	4696	0.46	ng	#	99
12) 2-Methylnaphthalene	12.155	142	15406	0.45	ng		97
16) Acenaphthylene	14.054	152	17815	0.41	ng		99
17) Acenaphthene	14.409	154	13967	0.44	ng		98
18) Fluorene	15.386	166	17608	0.44	ng		100
20) 4,6-Dinitro-2-methylph...	15.463	198	1064	0.37	ng		96
21) 4-Bromophenyl-phenylether	16.289	248	5446	0.44	ng		90
22) Hexachlorobenzene	16.398	284	7461	0.47	ng		100
23) Atrazine	16.556	200	3482	0.38	ng		97
24) Pentachlorophenol	16.739	266	1731	0.36	ng		100
25) Phenanthrene	17.128	178	30188	0.45	ng		100
26) Anthracene	17.213	178	23629	0.43	ng		100
28) Fluoranthene	19.153	202	33094	0.43	ng		100
30) Pyrene	19.516	202	33148	0.45	ng		100
32) Benzo(a)anthracene	21.260	228	29514	0.44	ng		98
33) Chrysene	21.314	228	33649	0.47	ng		98
34) Bis(2-ethylhexyl)phtha...	21.207	149	8311	0.43	ng		99
35) Indeno(1,2,3-cd)pyrene	25.762	276	41104	0.48	ng		99
37) Benzo(b)fluoranthene	22.846	252	34426	0.45	ng		98
38) Benzo(k)fluoranthene	22.887	252	34771	0.46	ng		99
39) Benzo(a)pyrene	23.417	252	28317	0.44	ng		97
40) Dibenzo(a,h)anthracene	25.779	278	34347	0.47	ng		100
41) Benzo(g,h,i)perylene	26.443	276	34690	0.47	ng		99

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

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