Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030821\
Data File : BN013880.D
Acq On : 08 Mar 2021 21:23
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 08 23:13:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 08 10:32:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	7762	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	30093	0.40	ng		#-0.01
13) Acenaphthene-d10	14.346	164	16914	0.40	ng		0.00
19) Phenanthrene-d10	17.091	188	36846	0.40	ng		# 0.00
29) Chrysene-d12	21.268	240	36242	0.40	ng		# 0.00
36) Perylene-d12	23.493	264	35836	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.316	112	7926	0.38	ng		0.00
5) Phenol-d6	6.887	99	10701	0.39	ng		0.00
8) Nitrobenzene-d5	8.857	82	8313	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.093	152	19593	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.843	330	2387	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.976	172	25834	0.43	ng		0.00
27) Fluoranthene-d10	19.121	212	41202	0.38	ng		0.00
31) Terphenyl-d14	19.722	244	32078	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.255	88	3795	0.40	ng		99
3) n-Nitrosodimethylamine	3.577	42	3014	0.42	ng	#	92
6) bis(2-Chloroethyl)ether	7.145	93	8905	0.45	ng		96
9) Naphthalene	10.543	128	31098	0.42	ng		99
10) Hexachlorobutadiene	10.834	225	5759	0.40	ng	#	99
12) 2-Methylnaphthalene	12.164	142	21072	0.41	ng		99
16) Acenaphthylene	14.067	152	27130	0.36	ng		99
17) Acenaphthene	14.410	154	19617	0.42	ng		100
18) Fluorene	15.399	166	24158	0.40	ng		100
20) 4,6-Dinitro-2-methylph...	15.475	198	1608	0.63	ng		94
21) 4-Bromophenyl-phenylether	16.288	248	7725	0.39	ng		95
22) Hexachlorobenzene	16.398	284	9009	0.43	ng		99
23) Atrazine	16.556	200	5222	0.28	ng		95
24) Pentachlorophenol	16.738	266	2536	0.37	ng		99
25) Phenanthrene	17.128	178	40452	0.42	ng		100
26) Anthracene	17.225	178	33846	0.36	ng		100
28) Fluoranthene	19.151	202	45423	0.40	ng		99
30) Pyrene	19.513	202	46393	0.42	ng		100
32) Benzo(a)anthracene	21.247	228	41784	0.37	ng		97
33) Chrysene	21.300	228	45631	0.42	ng		99
34) Bis(2-ethylhexyl)phtha...	21.194	149	13854	0.26	ng		99
35) Indeno(1,2,3-cd)pyrene	25.728	276	55459	0.42	ng		99
37) Benzo(b)fluoranthene	22.826	252	50709	0.44	ng	#	95
38) Benzo(k)fluoranthene	22.870	252	49146	0.44	ng	#	93
39) Benzo(a)pyrene	23.397	252	46212	0.45	ng	#	82
40) Dibenzo(a,h)anthracene	25.742	278	45652	0.42	ng		97
41) Benzo(g,h,i)perylene	26.410	276	46742	0.42	ng		98

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

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