Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021221\
Data File : BN013612.D
Acq On : 12 Feb 2021 14:02
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Feb 12 14:55:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 08 15:13:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.555	152	5838	0.40	ng		0.00
7) Naphthalene-d8	10.315	136	23037	0.40	ng		# 0.00
13) Acenaphthene-d10	14.181	164	12730	0.40	ng		0.00
19) Phenanthrene-d10	16.933	188	25924	0.40	ng		# 0.00
29) Chrysene-d12	21.141	240	23792	0.40	ng		# 0.00
36) Perylene-d12	23.305	264	21176	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.180	112	5246	0.42	ng		0.00
5) Phenol-d6	6.734	99	6588	0.42	ng		0.00
8) Nitrobenzene-d5	8.680	82	4861	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	11.906	152	14034	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1189	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	18566	0.39	ng		0.00
27) Fluoranthene-d10	18.972	212	26139	0.37	ng		0.00
31) Terphenyl-d14	19.583	244	21599	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	2535	0.39	ng		96
3) n-Nitrosodimethylamine	3.497	42	1715	0.36	ng	#	92
6) bis(2-Chloroethyl)ether	6.992	93	5723	0.41	ng		98
9) Naphthalene	10.353	128	22553	0.40	ng		99
10) Hexachlorobutadiene	10.657	225	3682	0.39	ng	#	100
12) 2-Methylnaphthalene	11.982	142	15256	0.39	ng		99
16) Acenaphthylene	13.902	152	17469	0.36	ng		100
17) Acenaphthene	14.245	154	13317	0.38	ng		97
18) Fluorene	15.234	166	16545	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	844	0.38	ng	#	88
21) 4-Bromophenyl-phenylether	16.130	248	4905	0.38	ng	#	87
22) Hexachlorobenzene	16.240	284	5546	0.39	ng		99
23) Atrazine	16.410	200	2791	0.34	ng		97
24) Pentachlorophenol	16.592	266	926	0.42	ng		99
25) Phenanthrene	16.970	178	27220	0.39	ng		100
26) Anthracene	17.067	178	21534	0.37	ng		99
28) Fluoranthene	19.002	202	28891	0.37	ng		99
30) Pyrene	19.369	202	29011	0.41	ng		100
32) Benzo(a)anthracene	21.120	228	23844	0.38	ng		98
33) Chrysene	21.173	228	28393	0.39	ng		98
34) Bis(2-ethylhexyl)phtha...	21.077	149	6829	0.37	ng		100
35) Indeno(1,2,3-cd)pyrene	25.451	276	29913	0.39	ng		98
37) Benzo(b)fluoranthene	22.662	252	28301	0.38	ng		96
38) Benzo(k)fluoranthene	22.703	252	28564	0.38	ng	#	95
39) Benzo(a)pyrene	23.209	252	23757	0.38	ng	#	94
40) Dibenzo(a,h)anthracene	25.468	278	25283	0.38	ng		98
41) Benzo(g,h,i)perylene	26.108	276	27154	0.39	ng		99

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

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