Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072421\
Data File : BN015664.D
Acq On : 23 Jul 2021 11:24
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Jul 23 12:34:00 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 12:32:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.744	152	12636	0.400	ng	0.00
7) Naphthalene-d8	10.521	136	54268	0.400	ng	0.00
13) Acenaphthene-d10	14.370	164	27929	0.400	ng	0.00
19) Phenanthrene-d10	17.115	188	50488	0.400	ng	0.00
29) Chrysene-d12	21.323	240	46876	0.400	ng	# 0.01
35) Perylene-d12	23.632	264	38235	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.346	112	24343	0.669	ng	0.00
5) Phenol-d6	6.914	99	28802	0.665	ng	0.00
8) Nitrobenzene-d5	8.886	82	28359	0.727	ng	0.00
11) 2-Methylnaphthalene-d10	12.114	152	65305	0.724	ng	0.00
14) 2,4,6-Tribromophenol	15.867	330	7418	0.591	ng	0.00
15) 2-Fluorobiphenyl	13.000	172	88892	0.800	ng	0.00
27) Fluoranthene-d10	19.157	212	108916	0.703	ng	0.00
31) Terphenyl-d14	19.763	244	87264	0.801	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	3303	0.774	ng	98
3) n-Nitrosodimethylamine	3.641	42	7624	0.730	ng	99
6) bis(2-Chloroethyl)ether	7.172	93	29503	0.758	ng	100
9) Naphthalene	10.571	128	116044	0.748	ng	100
10) Hexachlorobutadiene	10.863	225	22132	0.761	ng	# 99
12) 2-Methylnaphthalene	12.189	142	75980	0.754	ng	100
16) Acenaphthylene	14.091	152	94396	0.733	ng	100
17) Acenaphthene	14.434	154	64515	0.737	ng	100
18) Fluorene	15.423	166	78499	0.741	ng	100
20) 4,6-Dinitro-2-methylph...	15.512	198	2099	0.505	ng	# 85
21) 4-Bromophenyl-phenylether	16.312	248	24010	0.760	ng	99
22) Hexachlorobenzene	16.433	284	27653	0.791	ng	99
23) Atrazine	16.592	200	14795	0.640	ng	100
24) Pentachlorophenol	16.774	266	5013	0.571	ng	98
25) Phenanthrene	17.164	178	124156	0.760	ng	100
26) Anthracene	17.249	178	103086	0.737	ng	100
28) Fluoranthene	19.187	202	139125	0.775	ng	100
30) Pyrene	19.549	202	134563	0.761	ng	100
32) Benzo(a)anthracene	21.302	228	118110	0.701	ng	99
33) Chrysene	21.355	228	129435	0.751	ng	100
34) Bis(2-ethylhexyl)phtha...	21.249	149	37241	0.466	ng	100
36) Indeno(1,2,3-cd)pyrene	26.000	276	111944	0.711	ng	100
37) Benzo(b)fluoranthene	22.930	252	120369	0.817	ng	100
38) Benzo(k)fluoranthene	22.978	252	121363	0.803	ng	100
39) Benzo(a)pyrene	23.529	252	95855	0.742	ng	98
40) Dibenzo(a,h)anthracene	26.017	278	88975	0.710	ng	99
41) Benzo(g,h,i)perylene	26.722	276	103705	0.766	ng	99

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

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