Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012622\
Data File : BN018475.D
Acq On : 26 Jan 2022 13:48
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 27 05:35:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 18:25:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	31679	0.400	ng	-0.02
7) Naphthalene-d8	10.749	136	138441	0.400	ng	#-0.01
13) Acenaphthene-d10	14.573	164	75103	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	139507	0.400	ng	#-0.01
29) Chrysene-d12	21.472	240	125029	0.400	ng	#-0.02
35) Perylene-d12	23.882	264	105955	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.503	112	33338	0.424	ng	0.00
5) Phenol-d6	7.098	99	35679	0.418	ng	0.00
8) Nitrobenzene-d5	9.101	82	34417	0.431	ng	-0.01
11) 2-Methylnaphthalene-d10	12.336	152	91339	0.393	ng	-0.01
14) 2,4,6-Tribromophenol	16.044	330	10294	0.455	ng	-0.01
15) 2-Fluorobiphenyl	13.203	172	108944	0.404	ng	-0.01
27) Fluoranthene-d10	19.331	212	168683	0.401	ng	0.00
31) Terphenyl-d14	19.927	244	129380	0.333	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	6402	0.387	ng	# 86
3) n-Nitrosodimethylamine	3.714	42	12364	0.474	ng	100
6) bis(2-Chloroethyl)ether	7.366	93	36369	0.422	ng	100
9) Naphthalene	10.800	128	135550	0.402	ng	100
10) Hexachlorobutadiene	11.104	225	26286	0.395	ng	# 99
12) 2-Methylnaphthalene	12.407	142	94915	0.404	ng	99
16) Acenaphthylene	14.282	152	109261	0.393	ng	100
17) Acenaphthene	14.624	154	78575	0.396	ng	98
18) Fluorene	15.614	166	95584	0.401	ng	100
20) 4,6-Dinitro-2-methylph...	15.677	198	2309	0.471	ng	# 91
21) 4-Bromophenyl-phenylether	16.494	248	29546	0.395	ng	# 91
22) Hexachlorobenzene	16.616	284	33884	0.409	ng	# 93
23) Atrazine	16.762	200	19322	0.386	ng	97
24) Pentachlorophenol	16.957	266	9902	0.455	ng	99
25) Phenanthrene	17.346	178	150772	0.407	ng	99
26) Anthracene	17.431	178	121727	0.389	ng	100
28) Fluoranthene	19.361	202	171295	0.423	ng	# 98
30) Pyrene	19.723	202	175462	0.329	ng	100
32) Benzo(a)anthracene	21.461	228	145837	0.368	ng	99
33) Chrysene	21.514	228	157480	0.402	ng	98
34) Bis(2-ethylhexyl)phtha...	21.397	149	72780	0.233	ng	98
36) Indeno(1,2,3-cd)pyrene	26.380	276	92671	0.492	ng	# 92
37) Benzo(b)fluoranthene	23.149	252	147183	0.386	ng	# 98
38) Benzo(k)fluoranthene	23.197	252	142147	0.423	ng	# 97
39) Benzo(a)pyrene	23.776	252	116187	0.416	ng	# 98
40) Dibenzo(a,h)anthracene	26.401	278	70165	0.558	ng	# 90
41) Benzo(g,h,i)perylene	27.140	276	81180	0.424	ng	# 94

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

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