Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
Data File : BN015009.D
Acq On : 23 Jun 2021 15:18
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 23 16:25:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 23 16:24:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	20368	0.400	ng	# 0.00
7) Naphthalene-d8	10.505	136	88422	0.400	ng	# 0.00
13) Acenaphthene-d10	14.359	164	45517	0.400	ng	0.00
19) Phenanthrene-d10	17.104	188	85204	0.400	ng	# 0.00
29) Chrysene-d12	21.303	240	77301	0.400	ng	# 0.00
35) Perylene-d12	23.554	264	67959	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	21682	0.344	ng	0.00
5) Phenol-d6	6.911	99	26107	0.327	ng	0.00
8) Nitrobenzene-d5	8.883	82	21262	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	12.097	152	53357	0.352	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	5926	0.277	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	69128	0.400	ng	0.00
27) Fluoranthene-d10	19.138	212	89872	0.335	ng	0.00
31) Terphenyl-d14	19.744	244	69278	0.362	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	3576	0.419	ng	# 72
3) n-Nitrosodimethylamine	3.702	42	6500	0.343	ng	# 72
6) bis(2-Chloroethyl)ether	7.179	93	24488	0.390	ng	# 84
9) Naphthalene	10.556	128	95463	0.385	ng	97
10) Hexachlorobutadiene	10.847	225	18527	0.377	ng	# 99
12) 2-Methylnaphthalene	12.173	142	61709	0.370	ng	# 90
16) Acenaphthylene	14.079	152	74009	0.322	ng	98
17) Acenaphthene	14.422	154	52533	0.373	ng	98
18) Fluorene	15.412	166	63418	0.365	ng	99
20) 4,6-Dinitro-2-methylph...	15.475	198	1144	0.323	ng	# 57
21) 4-Bromophenyl-phenylether	16.301	248	19612	0.356	ng	# 87
22) Hexachlorobenzene	16.410	284	23017	0.396	ng	# 92
23) Atrazine	16.568	200	11854	0.241	ng	94
24) Pentachlorophenol	16.751	266	5407	0.253	ng	100
25) Phenanthrene	17.140	178	101600	0.391	ng	99
26) Anthracene	17.238	178	83823	0.330	ng	99
28) Fluoranthene	19.168	202	111268	0.378	ng	# 97
30) Pyrene	19.536	202	110384	0.361	ng	99
32) Benzo(a)anthracene	21.282	228	94235	0.323	ng	98
33) Chrysene	21.335	228	105453	0.378	ng	98
34) Bis(2-ethylhexyl)phtha...	21.228	149	30522	0.150	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.813	276	81708	0.360	ng	# 86
37) Benzo(b)fluoranthene	22.876	252	96096	0.377	ng	# 96
38) Benzo(k)fluoranthene	22.921	252	104544	0.425	ng	# 94
39) Benzo(a)pyrene	23.455	252	79125	0.353	ng	# 95
40) Dibenzo(a,h)anthracene	25.830	278	63938	0.348	ng	# 90
41) Benzo(g,h,i)perylene	26.504	276	66480	0.337	ng	# 89

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

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