Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
Data File : BN015555.D
Acq On : 14 Jul 2021 09:18
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 14 11:20:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 11:20:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	14309	0.400	ng	# 0.00
7) Naphthalene-d8	10.596	136	65940	0.400	ng	0.00
13) Acenaphthene-d10	14.433	164	36809	0.400	ng	0.00
19) Phenanthrene-d10	17.188	188	69764	0.400	ng	0.00
29) Chrysene-d12	21.386	240	50647	0.400	ng	# 0.00
35) Perylene-d12	23.748	264	28326	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	16509	0.453	ng	0.00
5) Phenol-d6	6.987	99	20125	0.438	ng	0.00
8) Nitrobenzene-d5	8.962	82	17909	0.485	ng	0.00
11) 2-Methylnaphthalene-d10	12.189	152	42343	0.388	ng	0.00
14) 2,4,6-Tribromophenol	15.931	330	5291	0.553	ng	0.00
15) 2-Fluorobiphenyl	13.063	172	55940	0.374	ng	0.00
27) Fluoranthene-d10	19.226	212	74136	0.360	ng	0.00
31) Terphenyl-d14	19.827	244	54350	0.459	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	2505	0.373	ng	# 59
3) n-Nitrosodimethylamine	3.733	42	4499	0.358	ng	# 78
6) bis(2-Chloroethyl)ether	7.246	93	17740	0.393	ng	# 84
9) Naphthalene	10.647	128	73079	0.386	ng	97
10) Hexachlorobutadiene	10.939	225	13486	0.379	ng	# 98
12) 2-Methylnaphthalene	12.260	142	49064	0.404	ng	# 90
16) Acenaphthylene	14.154	152	63620	0.390	ng	98
17) Acenaphthene	14.497	154	43588	0.381	ng	99
18) Fluorene	15.486	166	53216	0.382	ng	99
20) 4,6-Dinitro-2-methylph...	15.575	198	908	0.804	ng	# 62
21) 4-Bromophenyl-phenylether	16.384	248	16869	0.381	ng	93
22) Hexachlorobenzene	16.494	284	19298	0.384	ng	# 92
23) Atrazine	16.652	200	10664	0.452	ng	94
24) Pentachlorophenol	16.847	266	4984	0.799	ng	100
25) Phenanthrene	17.224	178	86288	0.384	ng	99
26) Anthracene	17.322	178	72031	0.374	ng	99
28) Fluoranthene	19.256	202	91773	0.380	ng	# 97
30) Pyrene	19.619	202	88917	0.461	ng	99
32) Benzo(a)anthracene	21.376	228	66113	0.381	ng	97
33) Chrysene	21.429	228	72923	0.385	ng	97
34) Bis(2-ethylhexyl)phtha...	21.312	149	29211	0.608	ng	# 87
36) Indeno(1,2,3-cd)pyrene	26.178	276	22561	0.222	ng	# 87
37) Benzo(b)fluoranthene	23.032	252	49869	0.449	ng	# 96
38) Benzo(k)fluoranthene	23.080	252	50006	0.422	ng	# 95
39) Benzo(a)pyrene	23.645	252	35234	0.347	ng	# 94
40) Dibenzo(a,h)anthracene	26.195	278	17919	0.225	ng	# 92
41) Benzo(g,h,i)perylene	26.917	276	18455	0.210	ng	# 90

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

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