Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062321\
Data File : BN014989.D
Acq On : 23 Jun 2021 00:26
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 23 03:40:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 17 01:26:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	22980	0.400	ng	#-0.01
7) Naphthalene-d8	10.518	136	100190	0.400	ng	# 0.00
13) Acenaphthene-d10	14.358	164	53469	0.400	ng	-0.01
19) Phenanthrene-d10	17.104	188	100564	0.400	ng	-0.01
29) Chrysene-d12	21.303	240	91960	0.400	ng	#-0.02
35) Perylene-d12	23.554	264	83520	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	26444	0.372	ng	0.00
5) Phenol-d6	6.920	99	32272	0.358	ng	0.00
8) Nitrobenzene-d5	8.883	82	26169	0.346	ng	-0.02
11) 2-Methylnaphthalene-d10	12.106	152	61397	0.357	ng	-0.01
14) 2,4,6-Tribromophenol	15.856	330	8316	0.331	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	79421	0.391	ng	-0.01
27) Fluoranthene-d10	19.143	212	108690	0.343	ng	-0.01
31) Terphenyl-d14	19.749	244	83410	0.366	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	3669	0.381	ng	# 55
3) n-Nitrosodimethylamine	3.702	42	7774	0.364	ng	# 73
6) bis(2-Chloroethyl)ether	7.188	93	27765	0.392	ng	# 83
9) Naphthalene	10.568	128	107439	0.383	ng	97
10) Hexachlorobutadiene	10.860	225	20851	0.374	ng	# 98
12) 2-Methylnaphthalene	12.177	142	70626	0.374	ng	# 89
16) Acenaphthylene	14.079	152	91540	0.339	ng	98
17) Acenaphthene	14.422	154	61074	0.370	ng	98
18) Fluorene	15.411	166	75075	0.368	ng	99
20) 4,6-Dinitro-2-methylph...	15.488	198	2125	0.438	ng	# 52
21) 4-Bromophenyl-phenylether	16.300	248	23337	0.359	ng	# 70
22) Hexachlorobenzene	16.422	284	26364	0.384	ng	# 92
23) Atrazine	16.568	200	16191	0.279	ng	90
24) Pentachlorophenol	16.751	266	7711	0.306	ng	99
25) Phenanthrene	17.152	178	118906	0.388	ng	99
26) Anthracene	17.237	178	102825	0.343	ng	99
28) Fluoranthene	19.173	202	133433	0.384	ng	# 97
30) Pyrene	19.535	202	132502	0.364	ng	99
32) Benzo(a)anthracene	21.281	228	119057	0.343	ng	98
33) Chrysene	21.334	228	127604	0.384	ng	98
34) Bis(2-ethylhexyl)phtha...	21.239	149	52867	0.219	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.820	276	101938	0.365	ng	# 86
37) Benzo(b)fluoranthene	22.879	252	116321	0.371	ng	# 96
38) Benzo(k)fluoranthene	22.924	252	128063	0.424	ng	# 94
39) Benzo(a)pyrene	23.454	252	101461	0.368	ng	# 95
40) Dibenzo(a,h)anthracene	25.840	278	79040	0.350	ng	# 91
41) Benzo(g,h,i)perylene	26.508	276	83311	0.344	ng	# 89

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

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