Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011422\
Data File : BN018402.D
Acq On : 14 Jan 2022 11:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 14 12:13:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 12:12:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.606	152	22482	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	103909	0.400	ng	0.00
13) Acenaphthene-d10	14.243	164	53296	0.400	ng	0.00
19) Phenanthrene-d10	16.981	188	94132	0.400	ng	# 0.00
29) Chrysene-d12	21.185	240	82262	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	77147	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.217	112	21773	0.394	ng	0.00
5) Phenol-d6	6.794	99	21746	0.392	ng	0.00
8) Nitrobenzene-d5	8.759	82	23885	0.427	ng	0.00
11) 2-Methylnaphthalene-d10	11.981	152	65247	0.401	ng	0.00
14) 2,4,6-Tribromophenol	15.741	330	7447	0.450	ng	0.00
15) 2-Fluorobiphenyl	12.861	172	77965	0.405	ng	0.00
27) Fluoranthene-d10	19.023	212	106361	0.396	ng	0.00
31) Terphenyl-d14	19.634	244	74867	0.420	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.143	88	4076	0.322	ng	# 56
3) n-Nitrosodimethylamine	3.502	42	8760	0.432	ng	# 88
6) bis(2-Chloroethyl)ether	7.043	93	24205	0.403	ng	99
9) Naphthalene	10.432	128	105704	0.400	ng	100
10) Hexachlorobutadiene	10.736	225	20462	0.417	ng	# 99
12) 2-Methylnaphthalene	12.056	142	66669	0.412	ng	99
16) Acenaphthylene	13.952	152	78034	0.369	ng	100
17) Acenaphthene	14.307	154	57988	0.392	ng	99
18) Fluorene	15.297	166	67797	0.408	ng	99
20) 4,6-Dinitro-2-methylph...	15.398	198	1148	0.358	ng	96
21) 4-Bromophenyl-phenylether	16.190	248	20080	0.388	ng	95
22) Hexachlorobenzene	16.300	284	27496	0.399	ng	# 92
23) Atrazine	16.458	200	11874	0.361	ng	# 89
24) Pentachlorophenol	16.653	266	4307	0.486	ng	99
25) Phenanthrene	17.030	178	107817	0.407	ng	100
26) Anthracene	17.115	178	83953	0.384	ng	100
28) Fluoranthene	19.053	202	119987	0.427	ng	# 96
30) Pyrene	19.415	202	120060	0.412	ng	100
32) Benzo(a)anthracene	21.174	228	91095	0.376	ng	99
33) Chrysene	21.217	228	113251	0.412	ng	100
34) Bis(2-ethylhexyl)phtha...	21.121	149	42420	0.405	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.668	276	85449	0.349	ng	# 90
37) Benzo(b)fluoranthene	22.738	252	100477	0.402	ng	# 97
38) Benzo(k)fluoranthene	22.783	252	101469	0.415	ng	# 96
39) Benzo(a)pyrene	23.310	252	88227	0.382	ng	# 96
40) Dibenzo(a,h)anthracene	25.689	278	60139	0.320	ng	# 95
41) Benzo(g,h,i)perylene	26.353	276	80109	0.357	ng	# 91

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

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