Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
Data File : BN029122.D
Acq On : 08 Dec 2023 11:07
Operator : MA/JU
Sample : 05425-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
O-1(20)(15-20)

Quant Time: Dec 08 11:38:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	1678	0.400	ng	0.09
7) Naphthalene-d8	10.658	136	3268	0.400	ng	0.10
13) Acenaphthene-d10	14.492	164	2016	0.400	ng	0.10
19) Phenanthrene-d10	17.233	188	4277	0.400	ng	# 0.09
29) Chrysene-d12	21.427	240	1818	0.400	ng	# 0.08
35) Perylene-d12	23.801	264	1852	0.400	ng	# 0.13
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	1089	0.287	ng	0.08
5) Phenol-d6	7.074	99	1266	0.279	ng	0.09
8) Nitrobenzene-d5	9.046	82	1223	0.310	ng	0.11
11) 2-Methylnaphthalene-d10	12.249	152	1583	0.231	ng	0.10
14) 2,4,6-Tribromophenol	15.980	330	404	0.181	ng	0.09
15) 2-Fluorobiphenyl	13.124	172	3409	0.327	ng	0.10
27) Fluoranthene-d10	19.264	212	2764	0.206	ng	0.08
31) Terphenyl-d14	19.873	244	1666	0.362	ng	0.08
Target Compounds						Qvalue
9) Naphthalene	10.712	128	334	0.033	ng	# 62
16) Acenaphthylene	14.214	152	353	0.032	ng	# 94
18) Fluorene	15.533	166	251	0.023	ng	92
25) Phenanthrene	17.270	178	2248	0.157	ng	# 95
26) Anthracene	17.370	178	375	0.027	ng	# 92
28) Fluoranthene	19.292	202	1346	0.069	ng	# 94
30) Pyrene	19.659	202	1945	0.173	ng	# 93
32) Benzo(a)anthracene	21.409	228	485	0.053	ng	# 53
33) Chrysene	21.463	228	467	0.051	ng	# 61
34) Bis(2-ethylhexyl)phtha...	21.356	149	1133	0.199	ng	99

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

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