Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060623\
Data File : BN025755.D
Acq On : 06 Jun 2023 15:35
Operator : CG/JU
Sample : PB153187BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Quant Time: Jun 07 05:28:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 15:34:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	7703	0.400	ng	0.00
7) Naphthalene-d8	10.825	136	21058	0.400	ng	0.00
13) Acenaphthene-d10	14.641	164	11166	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	22107	0.400	ng	# 0.01
29) Chrysene-d12	21.569	240	10865	0.400	ng	# 0.00
35) Perylene-d12	24.054	264	4668	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	7553	0.349	ng	0.00
5) Phenol-d6	7.167	99	9280	0.349	ng	0.00
8) Nitrobenzene-d5	9.180	82	7036	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.412	152	12265	0.405	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	1175	0.341	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	20405	0.432	ng	0.00
27) Fluoranthene-d10	19.416	212	19107	0.420	ng	0.00
31) Terphenyl-d14	20.006	244	14584	0.553	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	2636	0.292	ng	# 86
3) n-Nitrosodimethylamine	3.737	42	3215	0.279	ng	# 94
6) bis(2-Chloroethyl)ether	7.427	93	8877	0.368	ng	95
9) Naphthalene	10.878	128	24157	0.384	ng	99
10) Hexachlorobutadiene	11.156	225	4576	0.473	ng	# 99
12) 2-Methylnaphthalene	12.483	142	15660	0.391	ng	99
16) Acenaphthylene	14.363	152	19523	0.363	ng	100
17) Acenaphthene	14.705	154	14706	0.417	ng	99
18) Fluorene	15.680	166	18825	0.415	ng	98
20) 4,6-Dinitro-2-methylph...	15.780	198	1425	0.357	ng	92
21) 4-Bromophenyl-phenylether	16.574	248	5406	0.422	ng	96
22) Hexachlorobenzene	16.698	284	5669	0.517	ng	90
24) Pentachlorophenol	17.046	266	2824	0.691	ng	98
25) Phenanthrene	17.431	178	27632	0.407	ng	99
26) Anthracene	17.517	178	23689	0.381	ng	99
28) Fluoranthene	19.444	202	27465	0.410	ng	99
30) Pyrene	19.807	202	24920	0.405	ng	100
32) Benzo(a)anthracene	21.560	228	16999	0.405	ng	98
33) Chrysene	21.605	228	19198	0.432	ng	99
34) Bis(2-ethylhexyl)phtha...	21.471	149	11762	0.471	ng	100
36) Indeno(1,2,3-cd)pyrene	26.645	276	12721	0.630	ng	98
37) Benzo(b)fluoranthene	23.291	252	15509	0.842	ng	96
38) Benzo(k)fluoranthene	23.341	252	13793	0.733	ng	94
39) Benzo(a)pyrene	23.943	252	8768	0.503	ng	# 82
40) Dibenzo(a,h)anthracene	26.659	278	12423	0.767	ng	96
41) Benzo(g,h,i)perylene	27.434	276	11441	0.632	ng	98

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

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