Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
Data File : BN031878.D
Acq On : 10 Jun 2024 14:59
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jun 10 15:51:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 15:47:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	9986	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	33353	0.400	ng		0.00
13) Acenaphthene-d10	14.306	164	20604	0.400	ng		-0.01
19) Phenanthrene-d10	17.066	188	46811	0.400	ng		0.00
29) Chrysene-d12	21.265	240	41802	0.400	ng		0.00
35) Perylene-d12	23.502	264	45671	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	139180	4.902	ng		0.00
5) Phenol-d6	6.844	99	189970	5.102	ng		0.00
8) Nitrobenzene-d5	8.819	82	143026	5.161	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	270276	5.088	ng		0.00
14) 2,4,6-Tribromophenol	15.812	330	55194	5.589	ng		0.00
15) 2-Fluorobiphenyl	12.927	172	395356	5.058	ng		0.00
27) Fluoranthene-d10	19.100	212	658032	5.166	ng		0.00
31) Terphenyl-d14	19.699	244	496672	4.861	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	56194	4.595	ng		96
3) n-Nitrosodimethylamine	3.522	42	57785	4.973	ng	#	99
6) bis(2-Chloroethyl)ether	7.104	93	159067	4.962	ng		99
9) Naphthalene	10.496	128	454384	5.060	ng		99
10) Hexachlorobutadiene	10.784	225	77562	4.941	ng	#	100
12) 2-Methylnaphthalene	12.119	142	307690	5.014	ng		99
16) Acenaphthylene	14.028	152	509193	5.361	ng		100
17) Acenaphthene	14.370	154	315716	5.164	ng		99
18) Fluorene	15.365	166	418695	5.126	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	57315	4.987	ng	#	54
21) 4-Bromophenyl-phenylether	16.259	248	135604	5.107	ng	#	93
22) Hexachlorobenzene	16.371	284	141580	5.144	ng		99
23) Atrazine	16.532	200	122605	5.041	ng		99
24) Pentachlorophenol	16.718	266	85239	5.042	ng		99
25) Phenanthrene	17.103	178	667138	5.136	ng		100
26) Anthracene	17.190	178	641692	5.323	ng		100
28) Fluoranthene	19.128	202	778136	4.941	ng		99
30) Pyrene	19.495	202	822173	4.950	ng		100
32) Benzo(a)anthracene	21.247	228	804635	5.109	ng		99
33) Chrysene	21.300	228	752279	5.054	ng		99
34) Bis(2-ethylhexyl)phtha...	21.175	149	566934	5.274	ng		100
36) Indeno(1,2,3-cd)pyrene	25.764	276	880737	5.169	ng		99
37) Benzo(b)fluoranthene	22.826	252	817812	4.913	ng	#	90
38) Benzo(k)fluoranthene	22.873	252	767068	4.874	ng	#	92
39) Benzo(a)pyrene	23.402	252	718655	5.004	ng	#	88
40) Dibenzo(a,h)anthracene	25.779	278	692779	5.161	ng		94
41) Benzo(g,h,i)perylene	26.460	276	754853	5.233	ng		97

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

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